

eisco

I N D U S T R I A L



Glassware



Metalware



Plasticware



Woodware



Equipment



Rubberware



Ceramics

www.eiscoindustrial.com

EISCO LABGLASS

Many years ago, we decided to take our passion for manufacturing high quality products to lab supplies and glassware. Today we are proud to showcase our EISCO LABGLASS range.

Manufacturing of glassware is both an art and science requiring the highest level of skill and expertise. We employ the finest glass blowers and technicians to hand create glassware to the highest tolerances, following state-of-the-art manufacturing and calibration techniques. Using the highest quality, low expansion borosilicate 3.3 glass, following manufacturing and calibration techniques compliant with ISO/DIN/ASTM standards.

Every piece of volumetric glassware is individually calibrated within our ISO17025 compliant laboratory. However our dedication to quality does not end with the manufactured product, we have also invested in innovative, and uniquely designed, packaging for each piece or set of glass to ensure your order arrives in perfect condition.

We believe that the passion and attention to detail is evident in every piece of EISCO LABGLASS.

Thermal Properties

The coefficient of thermal expansion and temperature gradient of EISCO LABGLASS are low allowing the glass to withstand higher temperature gradients as well as sudden temperature changes (thermal shock).

Coefficient of Linear Expansion	$32.5 \times 10^{-7} / ^\circ\text{C}$
Strain Point	515°C
Annealing Point	565°C
Softening Point	820°C
Specific Heat (J/kg·°C)	0.2
Thermal Conductivity (Cal/cm ² ·°C/Sec)	0.0027

Chemical Durability

DISCO LABGLASS glassware is highly resistant to water, neutral and acidic solutions, concentrated acids, chlorine, bromine iodine, and organic matter. It can withstand dry and wet sterilization without surface deterioration and subsequent contamination. Only hydrofluoric acid, very hot phosphoric acid and alkaline solutions increasingly attack the glass surface with rising concentration and temperature.

Contact Chemical	Duration in Hr.	Loss in wt. (mg/m2)
Water distilled at 100°C	6	10
Water Vapour Steam at 121°C	1	75
Acid HCl	6	100
80% H ₂ SO ₄ at 130°C	12	140
Alkali -1N solution of Na ₂ CO ₃ boiling	6	4000
Infusion Fluids Isotonic		
NaCl (0.85%) at 121°C	2.5	70
Glucose (5%) at 121°C	2.5	50

The logo for Eisco Lab Glass, featuring a stylized blue 'E' icon followed by the word 'eisco' in a lowercase sans-serif font and 'LAB GLASS' in a smaller, all-caps sans-serif font below it.

Eisco Industrial is a division of Eisco Scientific, LLC. Over the past 55 years Eisco Scientific had grown into a multinational corporation supporting academic and industrial customers in over 100 countries through a growing network of distributors.

Eisco Scientific recently built a new manufacturing and distribution center at our corporate headquarters in India. We also have a facility in the United States that houses our research and development and customer support teams as well as our North American distribution center.

The Eisco Industrial Division has been created to focus on the specific needs of industrial, academic research, and botanical extraction laboratories. Eisco Industrial products have been carefully designed by laboratory professionals along-side experienced engineers with quality and durability in mind. They are manufactured with only the highest grade raw materials and according to international quality standards to ensure that they can withstand use even in the toughest laboratory environments.

A Note from our Management



Sumit Jain
CEO



Ben Pearson
CEO, North America



Graeme Coleman
General Manager
Business Development
Europe & UK

A big thank you to all of our customers and partners for their continued support and custom over the last few years. I know many of you have seen some trying and turbulent trading conditions but we now look forward to the next few years.

Here at Eisco we have taken your feedback and used it to direct further investments into new product lines, additional inventory and a faster, more efficient service. The message I hear is that our customers return to us time and time again because they have faith in our all-round service and that we do not let them down – few other manufacturers can match our ability to ship such a range of quality product from stock and deliver it anywhere around the world. This is a massive team effort and we are only as good as our staff who work tirelessly to support your activities around the globe.

I am please to present our latest Industrial Catalogue. Since the launch of our first Industrial brochure, we have seen this market grow exponentially. This latest edition contains many new and expanded ranges of high-quality laboratory consumables and equipment – all made to the appropriate standards and accompanied with relevant certification.

I hope you find this catalogue useful and many thanks for your continued business.

- Sumit

My childhood and early adult life were spent exploring mathematics and science, as I wanted to be an engineer and scientist. As my education and career developed, my love for creating new products became more about passion and excitement than merely a job. It is an honor to bring new products and services developed by Eisco team members to the market through all of our trusted partners.

Over the past several years Eisco has experienced tremendous growth of our product lines, team members, work facilities, and distributor partnerships. We have also received many awards for our excellence in sales and customer support, supply chain management, and product innovation. I am very, very proud of these achievements, especially during the recent economic challenges and general unrest associated with the pandemic. I am nothing short of amazed by the continued hardwork and dedication from Eisco team members world wide.

Thank you for being a trusted and dedicated partner. I am excited about the opportunities that await Eisco as you continue to sell and deliver our products to laboratories throughout the world.

- Ben

CERTIFICATIONS



ISO 9001:2015

CSA APPROVAL



STAR EXPORT HOUSE



WORLDIDAC MEMBER



NABL APPROVED



Check out even more Products
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EISCO - INDIA HEADQUARTERS



EISCO - USA HEADQUARTERS



GLASS BLOWING HALL



ANNEALING FURNACE



GLASS BORO 3.3



USP

DIN

ISO

ASTM



eisco
LABGLASS



BURETTE, FLASK & CYLINDER CALIBRATION



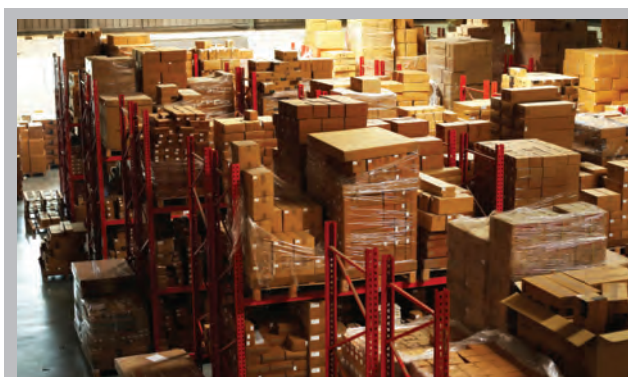
UNIQUE AND CUSTOM PACKAGING OPTIONS



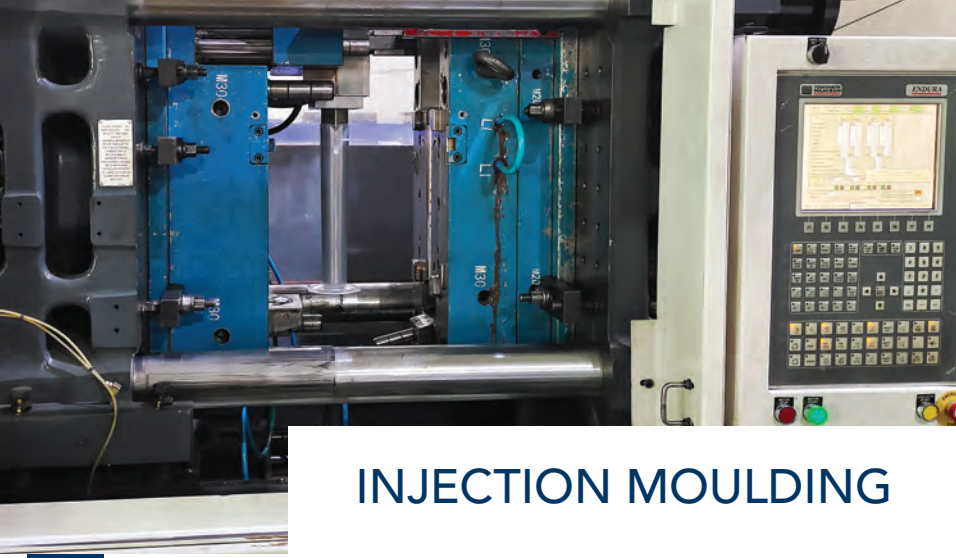
CAM - COMPUTER AIDED MANUFACTURING



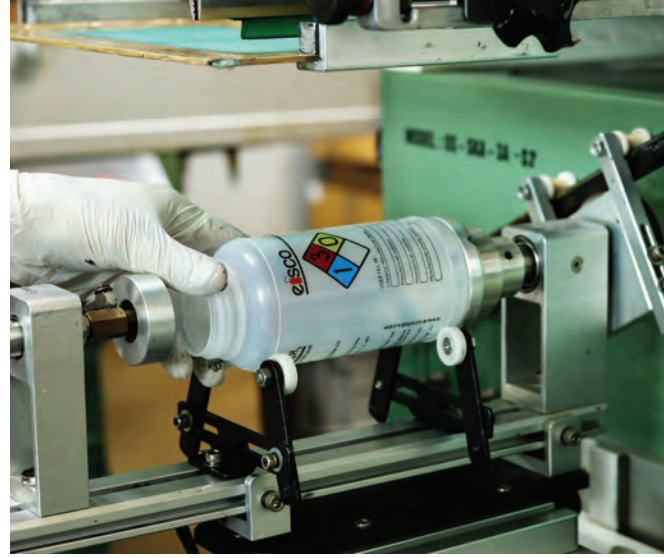
CNC - COMPUTERIZED NUMERIC CONTROL MACHINES



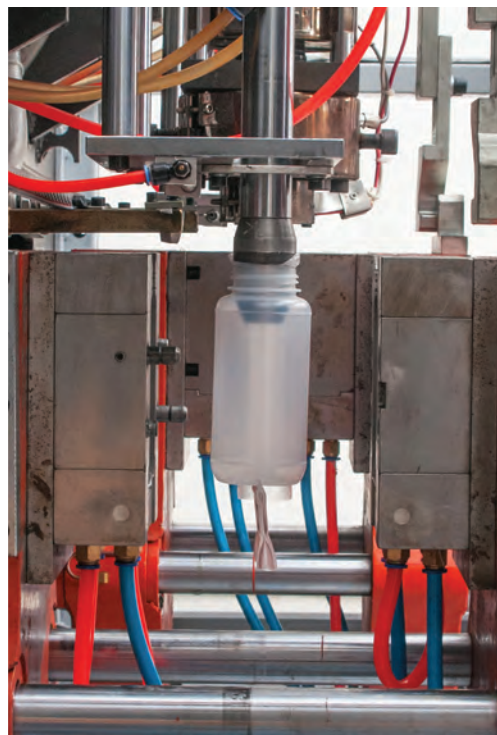
WAREHOUSE



INJECTION MOULDING



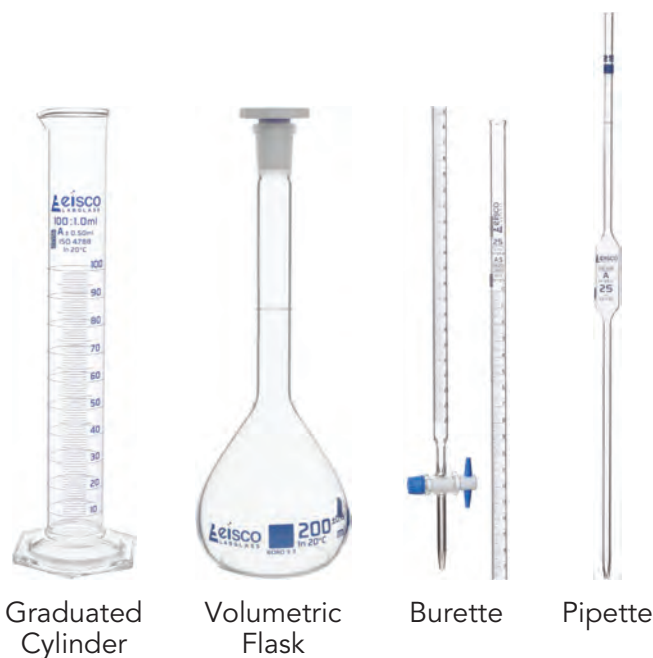
SCREEN PRINTING



BLOW MOULDING

VOLUMETRIC GLASSWARE

The accuracy of volumetric glassware can be critical to the validity of scientific testing and analysis of chemical products. It is essential to ensure that the glassware used to make these important measurements has the requisite accuracy and precision. High quality raw material and strict statistical testing of the required quality characteristics are the basis for producing volumetric glassware with the highest quality standards. Specific manufacturing methods yield glassware that can withstand extreme high temperatures and thermal shock. EISCO LABGLASS can be heated up to 250°C in a drying cabinet or sterilizer without any permanent changes to the calibrated measuring capabilities of the glassware.



Graduated
Cylinder

Volumetric
Flask

Burette

Pipette

CALIBRATION

Every piece of volumetric glassware is individually calibrated using fully automated computer controlled machines under controlled environmental conditions to ensure maximum precision and the highest degree of repeatability. For measuring instruments with graduated scales, such as graduated pipettes, burettes and graduated cylinders, flexible screen stencils are used. These stencils can be stretched to match the calibration marks accurately, ensuring that measuring precision is maintained for all intermediate volumes.

Calibration to Contain (TC/In)

The contained quantity of liquid corresponds exactly to the capacity marked on the glassware (e.g. graduated cylinders and volumetric flask).

Calibration to Deliver (TD/Ex)

The delivered quantity of liquid corresponds exactly to the capacity marked on the glassware (e.g. burettes and pipettes)

REFERENCE TEMPERATURE

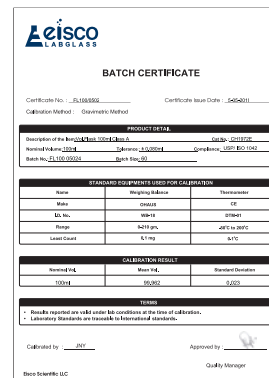
The reference temperature of 20°C applies to all of our volumetric glassware, which are produced according to DIN EN ISO standards. If volumetric glass calibrated at 20°C is used at 27°C, the volumetric expansion of the instrument results in an additional measurement variation (0.007% for borosilicate 3.3 glass 3.3 or 0.02% for soda lime glass) that is significantly smaller than the error limits for the volumetric glassware. As a result, the reference temperature is of little importance for practical applications. However, if an adjustment or calibration is carried out at a different temperature, the measured values must be corrected accordingly (see DIN EN ISO 4787).

TYPES OF CERTIFICATES

The calibration of Eisco volumetric glassware is performed gravimetrically according to DIN EN ISO 4787 standards in our ISO 17025 accredited calibration laboratory. To receive ISO 17025 accreditation, a calibration laboratory must demonstrate the highest levels of competency for testing and calibration. ISO 17025 accreditation is your assurance that our laboratory has the appropriate quality management systems and technical competence to accurately and precisely calibrate volumetric glassware.

Batch Certificates

Batch certificates for Class-A and Class-AS volumetric glassware with a batch number are available to download as PDF files from the Eisco Industrial website. The batch certificate includes the nominal volume, mean volume, and standard deviation value for the batch along with the certificate issue date and batch number.



BATCH CERTIFICATE

Certificate No.: JLI188562 Certificate Issue Date: 04/04/2018
 Calibration Method: Gravimetric Method

PRODUCT DATA
 Description of the Item: 100ml Volumetric Flask
 Batch No.: JLI188562
 Serial No.: 21100-00001

STANDARD EQUIPMENTS USED FOR CALIBRATION		
Name	Weighting Balance	Thermometer
Make	Ohaus	CE
Id. No.	91841	91841
Range	500g	40°C to 80°C
Least Count	0.1mg	0.1°C

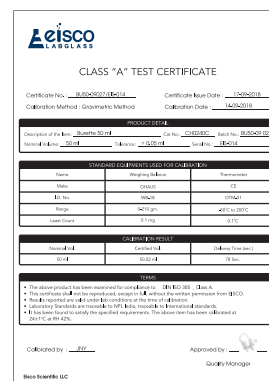
CALIBRATION RESULT		
Observed Vol.	Mean Vol.	Standard Deviation
100ml	100.00ml	0.001

2. Results reported are valid under lab conditions of the time of calibration.
 3. Laboratory Standards are traceable to International standards.

Calibrated by: JLV Approved by: [Signature]
 Eisco Scientific LLC Quality Manager

Individual Calibration Certificates

Volumetric glassware that are numbered individually in addition to being assigned a batch number, are supplied with an individual calibration certificate. The individual number is permanently laser-etched onto the volumetric glassware and is entered on the corresponding certificate. The individual certificate includes the standard volume, observed volume, environmental conditions at the time of calibration and details of the standards used for calibration.



CLASS "A" TEST CERTIFICATE

Certificate No.: JLI00000170001 Certificate Issue Date: 12/04/2018
 Calibration Method: Gravimetric Method Calibration Date: 12/04/2018

PRODUCT DATA
 Description of the Item: 100ml Volumetric Flask
 Batch No.: JLI00000170001
 Serial No.: 21100-00001

STANDARD EQUIPMENTS USED FOR CALIBRATION		
Name	Weighting Balance	Thermometer
Make	Ohaus	CE
Id. No.	91841	91841
Range	500g	40°C to 80°C
Least Count	0.1mg	0.1°C

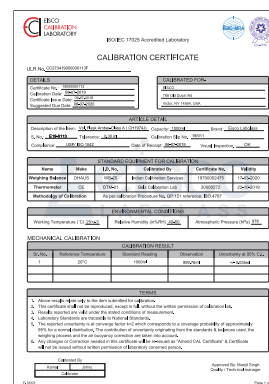
CALIBRATION RESULT		
Observed Vol.	Observed Vol.	Observed Vol.
100ml	100.00ml	100.00ml

2. Results reported are valid under lab conditions of the time of calibration.
 3. Laboratory Standards are traceable to International standards.

Calibrated by: JLV Approved by: [Signature]
 Eisco Scientific LLC Quality Manager

Individual Calibration Certificate NABL (ISO 17025)

This certificate is issued by our NABL accredited lab (Eisco Calibration Laboratory) as per the standard requirements of ISO 17025. NABL has a mutual recognition arrangement with ILAC (International Laboratory Accreditation Co-operation) and APAC (Asia Pacific Accreditation Co-operation). As a result, the certificate issued by Eisco Calibration Laboratory has international acceptance. The certificate includes the name of the accreditation body, name and address of the issuing laboratory with accreditation details, complete details of the volumetric glassware, ambient conditions and applied method of calibration, date of calibration, date of issue and the standards used for calibration with traceability, measured results and measured uncertainty.



ISO 17025 Accredited Laboratory

CALIBRATION CERTIFICATE

Lab No.: JLI00000170001

ITEM DATA
 Item No.: JLI00000170001
 Calibration Date: 12/04/2018
 Calibration Method: Gravimetric Method

STANDARD EQUIPMENTS USED FOR CALIBRATION
 Name: Weighting Balance
 Make: Ohaus
 Id. No.: 91841
 Range: 500g
 Least Count: 0.1mg

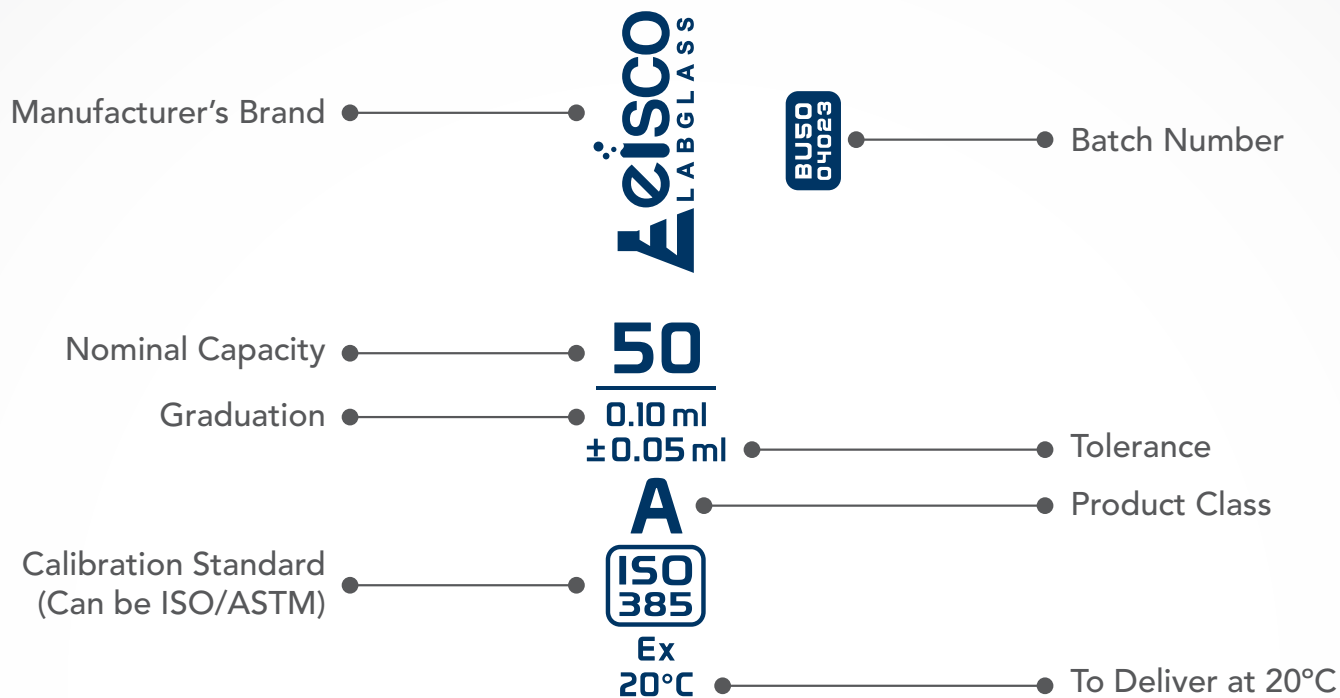
MEASUREMENT DATA
 Observed Vol.: 100.00ml
 Standard Deviation: 0.001ml
 Uncertainty: 0.001ml

2. Results reported are valid under lab conditions of the time of calibration.
 3. Laboratory Standards are traceable to International standards.

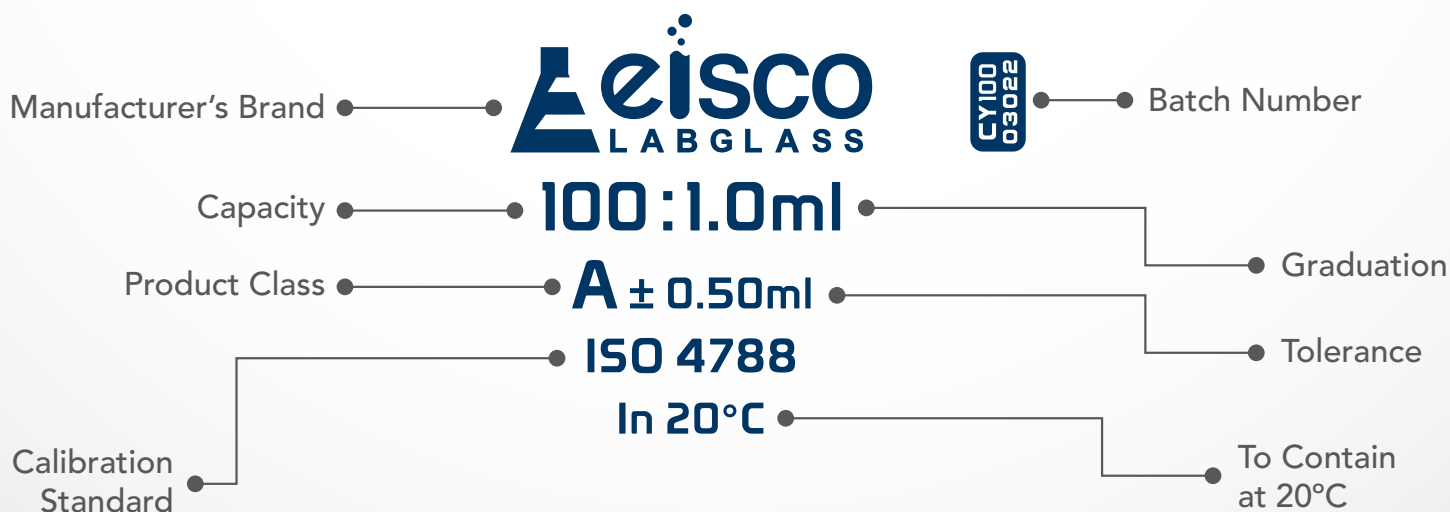
Calibrated by: JLV Approved by: [Signature]
 Eisco Scientific LLC Quality Manager

Understanding the Markings of Volumetric Glassware

Burettes

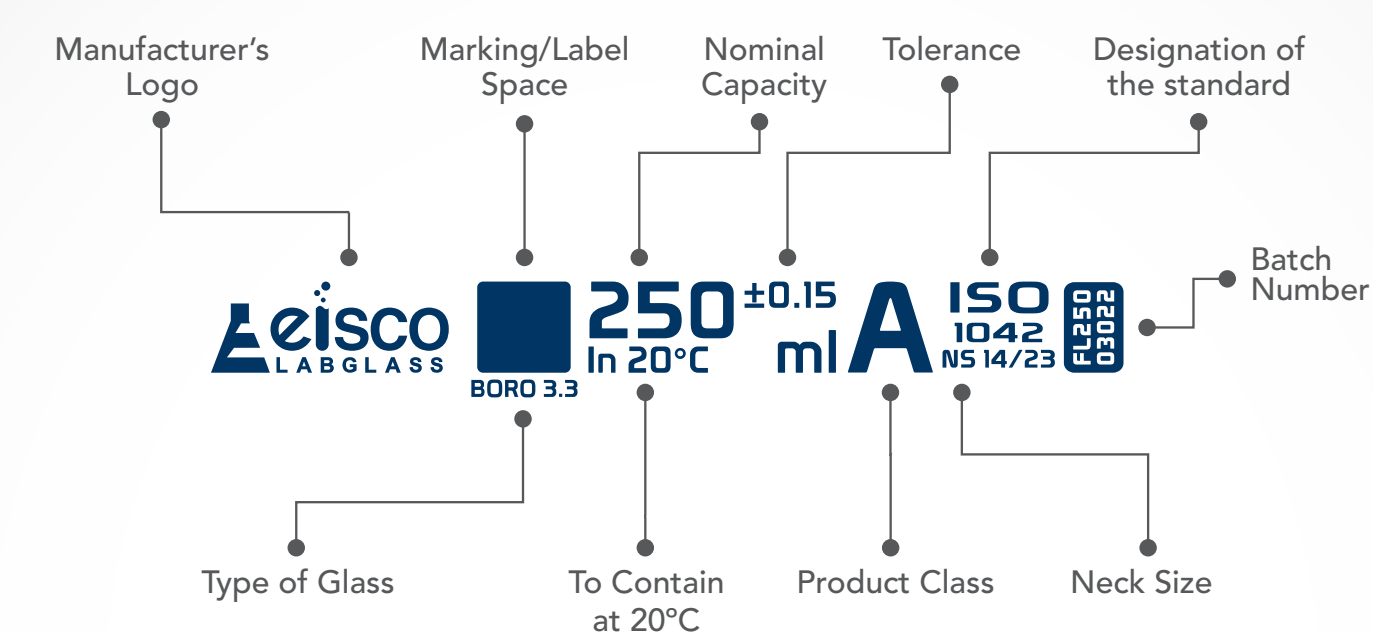


Cylinders



Understanding the Markings of Volumetric Glassware

Volumetric Flask



Pipette

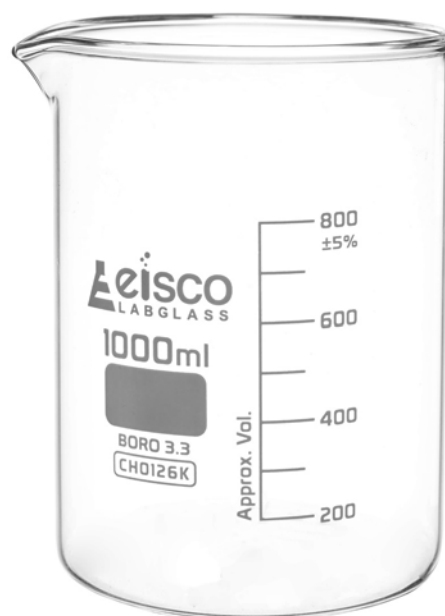




Beakers - Glass, Low Form with Spout

- Made of high quality borosilicate 3.3 glass
- Uniform walls, ideal for heating & stirring
- Low temperature gradient
- Mechanically strong with superior chemical durability
- Easy to read white enamel printing
- Autoclavable at 121°C
- Graduated as per DIN 12231 & ISO 3819

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH0126A	5	22	30	12
CH0126B	10	26	35	12
CH0126C	25	34	50	12
CH0126D	50	42	60	12
CH0126E	100	50	72	12
CH0126F	150	60	80	12
CH0126G	250	68	95	12
CH0126H	400	80	110	6
CH0126I	500	83	115	6
CH0126J	600	90	125	6
CH0126J8	800	100	135	6
CH0126K	1000	105	145	6
CH0126L	2000	130	185	4
CH0126M	3000	150	210	1
CH0126N	5000	170	270	1
CH0126O	10,000	217	350	1

GLASS
BORO
3.3

 Chemical
Resistant

Autoclavable

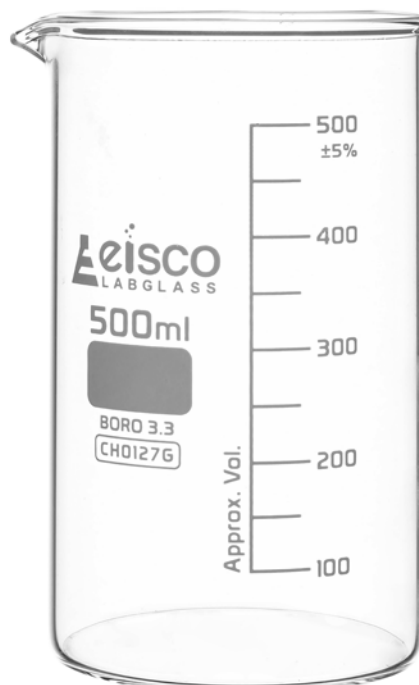
ISO
3819DIN
12331

Beakers - Glass, Tall Form with Spout

- Made of high quality borosilicate 3.3 glass
- Uniform walls, ideal for heating & stirring
- Low temperature gradient
- Mechanically strong with superior chemical durability
- Easy to read white enamel printing
- Autoclavable at 121°C
- Graduated as per DIN 12231 & ISO 3819

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH0127A*	25	30	55	12
CH0127B	50	38	70	12
CH0127C	100	48	80	12
CH0127D	150	55	95	12
CH0127E	250	60	120	12
CH0127F	400	70	135	6
CH0127G	500	80	140	6
CH0127H	600	83	153	6
CH0127H8	800	90	175	6
CH0127I*	1000	90	205	6
CH0127J	2000	120	240	4
CH0127K	3000	130	284	1

* Not covered in DIN 12231 & ISO 3819 standard

GLASS
BORO
3.3

 Chemical
Resistant

Autoclavable

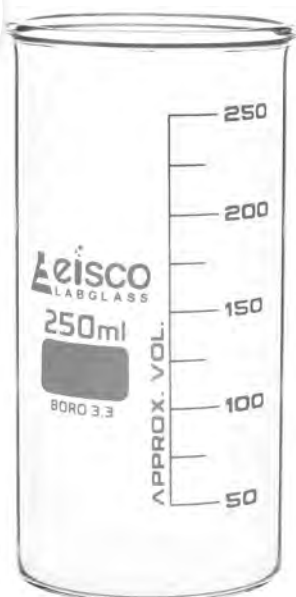
ISO
3819DIN
12331



NEW

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

ISO
3819DIN
12331**Beakers - Glass, Tall Form without Spout**

- Made of high quality borosilicate 3.3 glass
- Uniform walls, ideal for heating & stirring
- Low temperature gradient
- Mechanically strong with superior chemical durability
- Easy to read white enamel printing
- Autoclavable at 121°C
- Graduated as per DIN 12231 & ISO 3819

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH2001*	25	30	55	12
CH2002	50	38	70	12
CH2003	100	48	80	12
CH2004	150	55	95	12
CH2005	250	60	120	12
CH2006	400	70	135	6
CH2007	500	80	140	6
CH2008	600	83	153	6
CH2009	800	90	175	6
CH2010*	1000	90	205	6

* Not covered in DIN 12231 & ISO 3819 standard

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

ASTM

Beakers - Glass, ASTM, Low Form with Spout

- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Low form beaker designed from ASTM specifications E-960, Type-1 requirements
- Low temperature gradient
- Uniform thickness walls, ideal for heating & stirring
- Easy to read double white graduated scale
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C

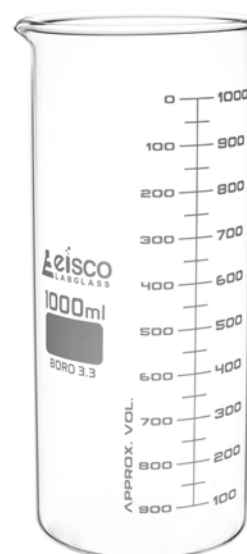
Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack Size
CH0124A10	10	26	35	12
CH0124A20	20	32	45	12
CH0124A30	30	34	55	12
CH0124B	50	42	60	12
CH0124C	100	50	75	12
CH0124D	150	60	90	12
CH0124E	250	68	100	12
CH0124F	400	80	120	6
CH0124G	600	90	135	6
CH0124H	800	100	145	6
CH0124I	1000	105	160	6
CH0124J	2000	130	200	4
CH0124L	3000	150	220	1
CH0124M	4000	160	260	1



Beakers - Glass, ASTM, Tall Form with Spout

- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-I, Class-A requirements
- Tall form beaker designed from ASTM specifications E-960, Type-III requirements
- Low temperature gradient
- Uniform thickness walls, ideal for heating & stirring
- Easy to read double white graduated scale
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack Size
CH0125A	100	50	85	12
CH0125B	200	58	110	12
CH0125C	300	65	125	12
CH0125D	400	70	135	6
CH0125E	500	75	150	6
CH0125F	600	83	153	6
CH0125G	1000	90	205	6

GLASS
BORO
3.3

ASTM

Beakers - Glass, Phillips Pattern with Spout

- Made of high quality borosilicate 3.3 glass
- Low temperature gradient
- Superior chemical durability
- Phillips pattern, conical form
- Autoclavable at 121°C

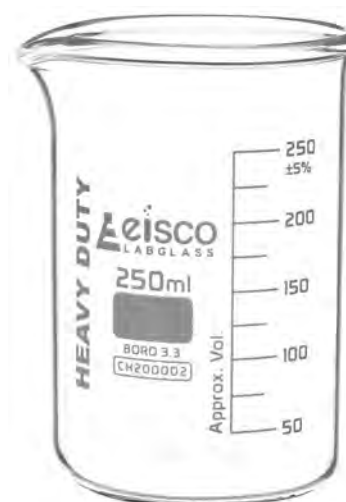
Code	Capacity (ml)	Base Dia. (mm)	Height (mm)	Pack Size
CH0128A	250	68	105	12
CH0128B	500	86	142	6

GLASS
BORO
3.3

Beakers - Glass, Heavy Duty

- Thicker wall beakers with excellent mechanical strength & durability
- Made of high quality borosilicate 3.3 glass
- Excellent chemical durability
- Designed for durability and enhanced user safety
- Calibrated with $\pm 5\%$ tolerance
- Easy to read white enamel graduations
- Autoclavable at 121°C

Code	Capacity (ml)	O.D. (mm)	Height (mm)	Wall thickness (mm) approx	Pack Size
CH200000	50	42	66	2.2	12
CH200001	100	50	80	2.5	12
CH200002	250	70	107	3.2	12
CH200003	400	80	115	3.2	6
CH200004	600	95	125	3.5	6
CH200005	1000	110	145	3.5	6



NEW

GLASS
BORO
3.3



NEW

GLASS
BORO
3.3**Beaker - Glass, Jacketed**

- Designed to keep samples at constant temperature
- Graduated inner beaker
- Made of high quality borosilicate 3.3 glass
- Low temperature gradient
- Side tubulation is 10mm approx
- Autoclavable at 121°C

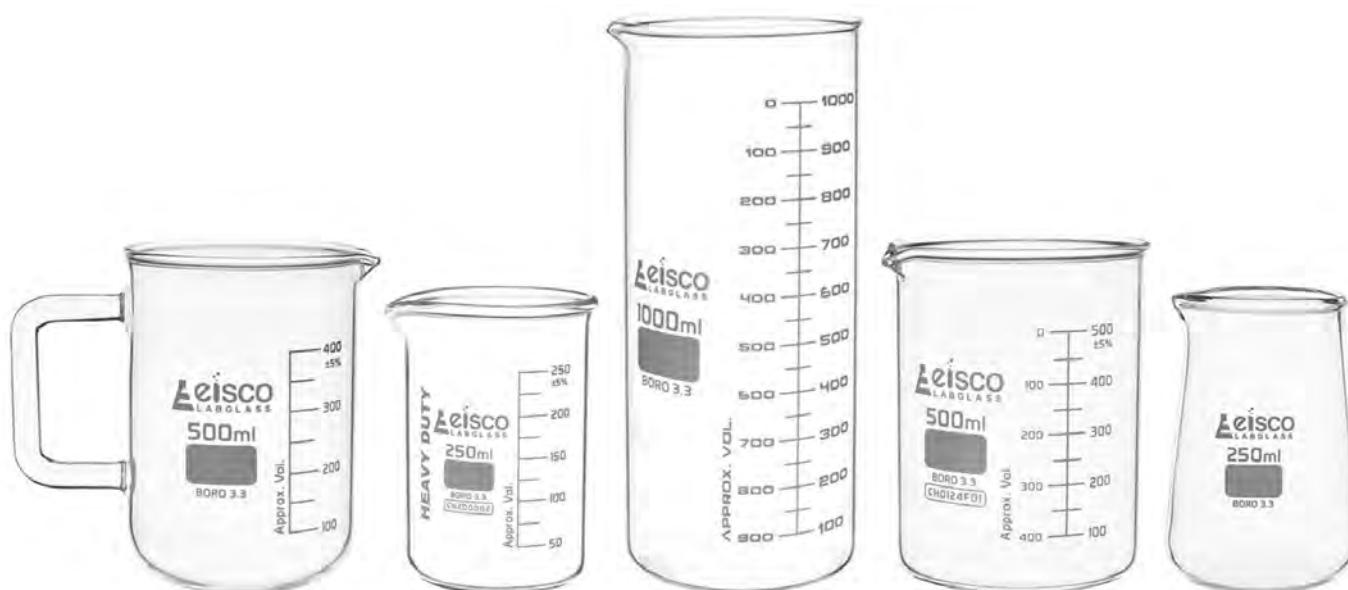
Code	Capacity (ml)	Inner Vessel I.D. (mm)	Outer Vessel O.D. (mm)	Pack Size
CH2041	50	38 X 55	60 X 70	1
CH2042	100	46 X 65	75 X 80	1
CH2043	250	64 X 90	90 X 105	1
CH2044	500	78 X 110	105 X 135	1
CH2045	1000	100 X 135	130 X 160	1

NEW

GLASS
BORO
3.3**Glass Beaker Mug**

- Made of high quality borosilicate 3.3 glass
- Graduations indicates approx. volume
- Microwave and dishwasher safe
- Autoclavable at 121°C
- Ideal for hot and cold drinks

Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack Size
CH2021	250	68	95	1
CH2022	500	83	115	1
CH2023	600	90	125	1
CH2024	1000	105	145	1





Crystallizing Dishes without Spout

- Flat bottom crystallizing dish without spout
- Made of high quality borosilicate 3.3 glass
- Low temperature gradient
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH0067A	20	40	25	1
CH0067B	40	50	30	1
CH0067C	60	60	35	1
CH0067D	100	70	40	1
CH0067E	150	80	45	1
CH0067F	300	95	55	1
CH0067G	500	115	65	1



Crystallizing Dishes with Spout

- Flat bottom crystallizing dish with spout
- Made of high quality borosilicate 3.3 glass
- Low temperature gradient
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack Size
CH0066F	20	40	25	1
CH0066D	40	50	30	1
CH0066G	60	60	35	1
CH0066E	100	70	40	1
CH0066H	150	80	45	1
CH0066A	300	100	50	1
CH0066I	500	115	65	1
CH0066J	900	140	75	1
CH0066B	1000	150	75	1
CH0066C	2000	190	100	1
CH0066K	3500	230	100	1



Evaporating Dishes - Flat Bottom with Spout

- Flat bottom evaporating dish with spout
- Made of high quality borosilicate 3.3 glass
- Low temperature gradient
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack Size
CH0068A01	15	50	25	1
CH0068A02	45	60	30	1
CH0068A	90	80	45	1
CH0068B	250	105	55	1
CH0068B01	500	131	62	1
CH0068C	1000	150	80	1
CH0068D	2000	200	100	1





GLASS
BORO
3.3



Reagent Bottles - Narrow Mouth, Polyethylene Stopper

- Narrow mouth reagent bottle with ground neck
- As per DIN ISO 4796-2 standard
- Made of high quality borosilicate 3.3 glass
- Acid proof polyethylene stopper
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Socket Size	Pack Size
CH0160A	30	14/23	6
CH0160B*	60	14/23	6
CH0160C01	100	14/23	6
CH0160C*	125	19/26	6
CH0160D	250	19/26	6
CH0160E	500	24/29	6
CH0160F	1000	29/32	6
CH0160G*	2000	34/35	1
CH0160H	2000	29/32	1
CH0160I	5000	45/40	1

* Not covered in DIN ISO 4796-2 standard

GLASS
BORO
3.3



Reagent Bottles - Narrow Mouth, Polyethylene Stopper, Amber

- Narrow mouth amber reagent bottle with ground neck
- As per DIN ISO 4796-2 standard
- Made of high quality amber borosilicate 3.3 glass
- Acid proof polyethylene stopper
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C (glass only)
- Ideal for storage of light sensitive materials

Code	Capacity (ml)	Socket Size	Pack Size
CH0161A	30	14/23	6
CH0161B*	60	14/23	6
CH0161C01	100	14/23	6
CH0161C*	125	19/26	6
CH0161D	250	19/26	6
CH0161E	500	24/29	6
CH0161F	1000	29/32	6
CH0161G*	2000	34/35	1
CH0161H	2000	29/32	1

* Not covered in DIN ISO 4796-2 standard



Reagent Bottles - Narrow Mouth, Hexagonal Hollow Stopper

- Narrow mouth reagent bottle with ground neck
- As per DIN ISO 4796-2 standard
- Made of high quality borosilicate 3.3 glass
- Hollow glass stopper
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	Socket Size	Pack Size
CH0162A	30	14/23	6
CH0162B*	60	14/23	6
CH0162C01	100	14/23	6
CH0162C*	125	19/26	6
CH0162D	250	19/26	6
CH0162E	500	24/29	6
CH0162F	1000	29/32	6
CH0162G*	2000	34/35	1
CH0162G01	2000	29/32	1
CH0162H	5000	45/40	1
CH0162I	10,000	60/46	1

* Not covered in DIN ISO 4796-2 standard



GLASS
BORO
3.3



Reagent Bottles - Wide Mouth, Hexagonal Hollow Stopper

- Wide mouth reagent bottle with ground neck
- Made of high quality borosilicate 3.3 glass
- Complies with ISO 4796-2 standard
- Hollow glass stopper
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	Socket Size	Pack Size
CH0163A*	60	24/29	6
CH0163B01	100	29/32	6
CH0163B*	125	29/32	6
CH0163C	250	34/35	6
CH0163D	500	45/40	6
CH0163E*	1000	50/42	6
CH0163E01	1000	60/46	6
CH0163F*	2000	55/44	1
CH0163G	2000	60/46	1

* Not covered in DIN ISO 4796-2 standard



GLASS
BORO
3.3





Reagent Bottles - Graduated with Solid Glass Stopper

- Narrow mouth reagent bottle with solid glass stopper
- Made of high quality borosilicate 3.3 glass
- Complies with ISO 4796-2 standard
- Easy to read white enamel printing
- Mechanically strong with superior chemical durability
- Low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Socket Size	Pack Size
CH2051*	60	14/23	6
CH2052*	125	14/23	6
CH2053	250	19/26	6
CH2054	500	24/29	6
CH2055	1000	29/32	6

* Not covered in DIN ISO 4796-2 standard



Reagent Bottles - Graduated with Solid Glass Stopper, Amber

- Narrow mouth reagent bottle with solid glass stopper
- Made of high quality borosilicate 3.3 glass
- Complies with ISO 4796-2 standard
- Easy to read white enamel printing
- Mechanically strong with superior chemical durability
- Low temperature gradient
- Autoclavable at 121°C
- Ideal for storage of light sensitive material

Code	Capacity (ml)	Socket Size	Pack Size
CH2061*	60	14/23	6
CH2062*	125	14/23	6
CH2063	250	19/26	6
CH2064	500	24/29	6
CH2065	1000	29/32	6

* Not covered in DIN ISO 4796-2 standard



Reagent Bottles - Graduated, Screw Cap

- Screw cap bottles with PP caps and drip free pouring ring
- As per DIN ISO 4796-1 standard
- Made of high quality borosilicate 3.3 glass
- Easy to read white enamel graduations
- Sloping shoulders for smooth pouring
- Low temperature gradient
- Mechanically strong with superior chemical durability
- For use up to 140°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Thread Size	Pack Size
CH0164A	100	56	100	GL45	10
CH0164B	250	70	140	GL45	10
CH0164C	500	86	176	GL45	10
CH0164D	1000	101	225	GL45	6
CH0164E	2000	136	265	GL45	1
CH0164F	5000	181	330	GL45	1
CH0164G	10,000	227	410	GL45	1



Reagent Bottles - Graduated, Screw Cap, Amber

- Screw cap Amber bottles with PP caps and drip free pouring ring
- As per DIN ISO 4796-1 standard
- Made of high quality Amber borosilicate 3.3 glass
- Easy to read white enamel graduations
- Sloping shoulders for smooth pouring
- Low temperature gradient
- Mechanically strong with superior chemical durability
- For use upto 140°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Thread Size	Pack Size
CH0165A	100	56	100	GL45	10
CH0165B	250	70	140	GL45	10
CH0165C	500	81	176	GL45	10
CH0165D	1000	101	225	GL45	6
CH0165E	2000	136	265	GL45	1
CH0165F	5000	181	330	GL45	1
CH0165G	10,000	227	410	GL45	1



BOD Bottles - Glass Stopper

- Made of high quality borosilicate 3.3 glass
- Tapered bottom glass stopper to prevent air entrapment
- Flared mouth glass bottles
- Mechanically strong with superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH0168A	125	55	120	1
CH0168B	300	70	150	1



Bottles - Pipette Dropping

- Clear dropping bottle with three piece pipette section including glass dropper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- HDPE stopper and neoprene teat highly resistant to chemical attacks by acids and alkalis
- HDPE stopper with neoprene teat are NOT autoclavable
- Glass bottle autoclavable at 121°C

Code	Capacity (ml)	Pack Size
CH0194A	30	6
CH0194B	60	6
CH0194C	125	6





Bottles - Pipette Dropping, Amber

- Amber dropping bottle with three piece pipette section including glass dropper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Suitable for storing light sensitive material
- Mechanically strong with low temperature gradient
- HDPE stopper and neoprene teat highly resistant to chemical attacks by acids and alkalis
- HDPE stopper with neoprene teat are NOT autoclavable
- Glass bottle autoclavable at 121°C

Code	Capacity (ml)	Pack Size
CH0195A	30	6
CH0195B	60	6
CH0195C	125	6



Dropping Bottles with Interchangeable glass Stopper - Clear

- Clear dropping bottle with ground neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Dropper with integral ground cone
- Natural rubber teat
- Autoclavable at 121°C

Code	Capacity (ml)	Joint Size	Pack Size
CH2071	30	14/23	6
CH2072	60	14/23	6
CH2073	125	14/23	6



Dropping Bottles with Interchangeable glass Stopper - Amber

- Amber dropping bottle with ground neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Dropper with integral ground cone
- Natural rubber teat
- Autoclavable at 121°C

Code	Capacity (ml)	Joint Size	Pack Size
CH2076	30	14/23	6
CH2077	60	14/23	6
CH2078	125	14/23	6



Pycnometers

- Uncalibrated pycnometer with glass capillary stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height without Stopper (mm)	Socket Size	Pack Size
Uncalibrated					
BT1102	10	28	44	10/15	1
BT1104	25	40	55	10/15	1
BT1105	50	50	65	10/15	1
BT1106	100	60	80	10/15	1

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

Pycnometers - Calibrated

- Calibrated pycnometer with glass capillary stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain at 20°C
- Bottle and stopper marked with same identification number
- Comes with individual work certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height without Stopper (mm)	Socket Size	Pack Size
Calibrated					
BT1102CL	10	28	44	10/15	1
BT1104CL	25	40	55	10/15	1
BT1105CL	50	50	65	10/15	1
BT1106CL	100	60	80	10/15	1

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

Bottles - Gas Washing

- Dreschel's gas washing bottle with interchangeable glass head
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Joint Size	Pack Size
CH0196A	125	24/29	1
CH0196B	250	29/32	1
CH0196C	500	29/32	1

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

**Bottles - Weighing, Low Form**

- Low form weighing bottle
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Interchangeable hollow penny head stopper
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH0198A	20	40	30	10
CH0198B	20	50	25	10
CH0198C	35	50	35	10
CH0198D	50	50	50	10
CH0198E	30	60	30	10

**Bottles - Weighing, Tall Form**

- Tall form weighing bottle
- Interchangeable hollow penny head stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH0199A	5	20	40	10
CH0199B	15	25	50	10
CH0199C	25	30	60	10
CH0199D	60	40	80	10

**Bottles - Gas Wash Woulff, Two Necks**

- Woulff gas washing bottle with two ground necks
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH0511C	500	95	145	19/26	1
CH0511D	1000	110	180	24/29	1
CH0511E	2000	135	225	29/32	1

**Bottles - Aspirator with Outlet for Tubing**

- Aspirator bottle with bottom outlet for tubing
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Tooled ground neck to accept rubber/glass stoppers
- Tubulated side arm to accept 9mm rubber tubing
- Autoclavable at 121°C

Code	Capacity (ml)	O. D. x Height (mm)	Tubulation (O.D.)	Neck Ground Joint	Pack Size
CH0060A	250	70 x 130	10	19/26	1
CH0060B	500	86 x 160	10	24/29	1
CH0060C	1000	105 x 200	10	29/32	1



Bottles - Aspirator with Outlet for Stopcock

- Aspirator bottle with bottom outlet to be used with stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Tooled ground neck to accept rubber/glass stoppers
- Autoclavable at 121°C

Code	Capacity (ml)	O. D. X Height (mm)	Outlet Ground Joint	Neck Ground Joint	Pack Size
CH0062A	1000	105 x 200	19/26	29/32	1
CH0062B	2000	134 x 249	19/26	29/32	1
CH0062C	5000	182 x 320	29/32	34/35	1
CH0062D	10000	228 x 400	29/32	45/40	1



Bottles Aspirator Screw Cap with Outlet for Tubing

- Aspirator bottle with GL45 threaded neck
- As per DIN ISO 4796-3 standard
- Complete with polypropylene screw cap & pouring ring
- Made of high quality borosilicate 3.3 glass
- Easy to read white enamel graduations
- Tubulated side arm to accept rubber tubing
- Autoclavable at 121°C

Code	Capacity (ml)	O. D. X Height (mm)	Tubulation (O.D.)	Thread Size	Pack Size
CH2081	1000	101 X 225	10	GL45	1
CH2082	2000	136 X 260	10	GL45	1
CH2083	5000	180 X 330	13	GL45	1



Bottles Aspirator Screw Cap with Outlet for Stopcock

- Aspirator bottle with GL45 threaded neck
- Complete with polypropylene screw cap & pouring ring
- Standard taper ground outlet for stopcock
- Made of high quality borosilicate 3.3 glass
- Easy to read white enamel graduations
- Autoclavable at 121°C

Code	Capacity (ml)	O. D. X Height (mm)	Outlet Ground Joint	Thread Size	Pack Size
CH2086	1000	101 X 225	19/26	GL45	1
CH2087	2000	136 X 260	19/26	GL45	1
CH2088	5000	180 X 330	29/32	GL45	1





GLASS
BORO
3.3



Stopcock with standard ground joints

- Made of high quality borosilicate 3.3 glass
- Suitable to use with aspirator bottles
- Leak proof PTFE key stopcock standard ground joint

Code	Capacity (ml)	Socket Size	Pack Size
CH0063A	1000 - 2000	19/26	1
CH0063B	5000 - 10000	29/32	1

GLASS
BORO
3.3



DIN
13132

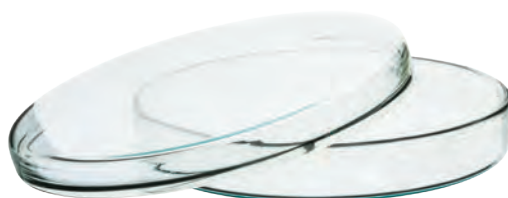


Standard Petri Dishes

- Standard glass petri dish with lid
- Made of high quality soda lime glass
- Ideal for routine work
- High clarity glass, free from bubbles
- Distortion free viewing
- Can withstand repeated wet and dry sterilization
- Complies with DIN 13132

Code	O. D. x Height (mm)	Pack Size
CH0368A	50 x 12	10
CH0368A01	60 x 15	10
CH0368B01	80 x 15	10
CH0368C	90 x 15	10
CH0368D	100 x 15	10
CH0368D01	100 x 20	10
CH0368E	120 x 20	6
CH0368F	150 x 25	6
CH0368G	180 x 30	6
CH0368H	200 x 30	4

GLASS
BORO
3.3



Premium Petri Dishes

- Premium glass petri dish with lid
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Beaded rim for increased mechanical strength
- High clarity glass, free from bubbles
- Distortion free viewing
- Can withstand repeated wet and dry sterilization

Code	O. D. x Height (mm)	Pack Size
CH0370A	50 x 17	10
CH0370B	80 x 17	10
CH0370C	100 x 17	10
CH0370D	150 x 20	5

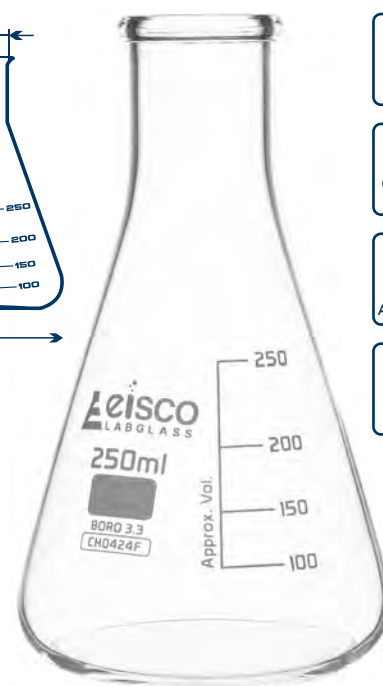
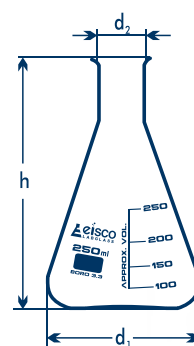


Flasks - Conical Erlenmeyer with Narrow Neck

- Conical Erlenmeyer flask with narrow neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Reinforced rim ensures high impact strength
- Easy to read white enamel graduations
- Graduated to indicate approximate volume
- As per DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH0424B	25	42	22	75	12
CH0424C	50	51	22	90	12
CH0424D	100	65	26	105	12
CH0424E*	150	74	28	118	12
CH0424E01*	200	79	34	131	12
CH0424F	250	85	34	145	12
CH0424F01*	300	87	34	156	12
CH0424G	500	105	34	180	6
CH0424H	1000	131	42	220	6
CH0424I	2000	166	50	280	4
CH0424J	3000	187	50	310	1
CH0424K	5000	220	50	365	1

* Not covered in DIN ISO 1773 standard



GLASS
BORO
3.3

Chemical
Resistant

Autoclavable

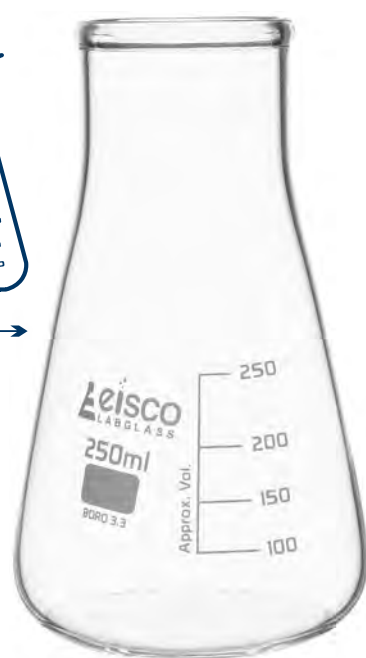
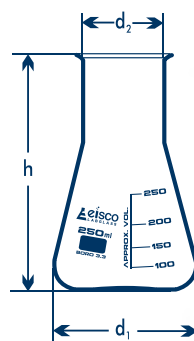
ISO
1773

Flasks - Conical Erlenmeyer with Wide Neck

- Conical Erlenmeyer flask with wide neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Reinforced rim ensures high impact strength
- Easy to read white enamel graduations
- Graduated to indicate approximate volume
- As per DIN ISO 24450 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH0426A02*	25	42	32	70	12
CH0426A03	50	51	34	85	12
CH0426A	100	64	34	105	12
CH0426B01*	200	79	50	131	12
CH0426B	250	85	50	140	12
CH0426C01*	300	87	50	156	12
CH0426C	500	105	50	175	6
CH0426D	1000	131	50	220	6
CH0426E*	2000	153	70	275	4

* Not covered in DIN ISO 24450 standard

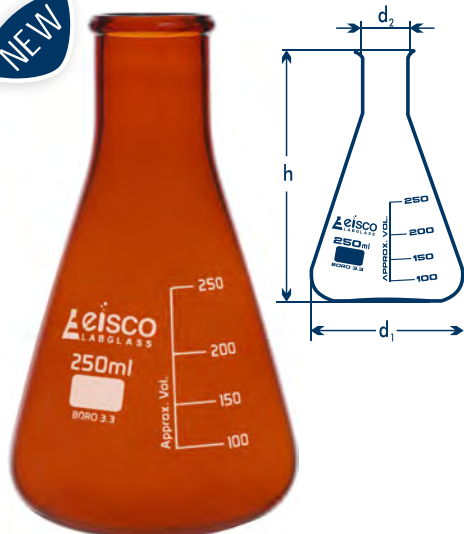


GLASS
BORO
3.3

Chemical
Resistant

Autoclavable

ISO
24450



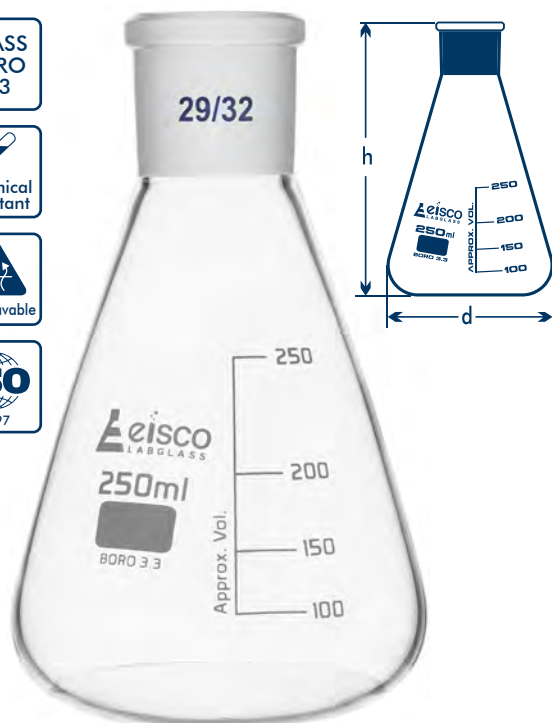
Flasks - Conical Erlenmeyer with Narrow Neck, Amber

- Amber conical Erlenmeyer flask with narrow neck
- Suitable for use with light sensitive material
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Graduated to indicate approximate volume
- As per DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH2131	100	65	26	105	12
CH2132	250	85	34	145	12
CH2133	500	105	34	180	6
CH2134	1000	131	42	220	6
CH2135	2000	166	50	280	4

Flasks - Conical Erlenmeyer with Narrow Neck and Interchangeable Joint

- Conical Erlenmeyer flask with standard ground joint
- Made of high quality chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Graduated to indicate approximate volume
- As per ISO 4797 standard
- Autoclavable at 121°C



Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Socket Size	Pack Size
CH0428A	25	42	75	14/23	12
CH0428A01	25	42	75	19/26	12
CH0428B	50	51	85	19/26	12
CH0428B01	50	51	85	14/23	12
CH0428B02	50	51	85	24/29	12
CH0428B03	50	51	85	29/32	12
CH0428C	100	64	105	19/26	12
CH0428C01	100	64	105	14/23	12
CH0428D	100	64	105	24/29	12
CH0428D01	100	64	105	29/32	12
CH0428D02*	200	79	130	29/32	12
CH0428E01	250	85	140	14/23	12
CH0428E	250	85	140	19/26	12
CH0428F	250	85	140	24/29	12
CH0428G	250	85	145	29/32	12
CH0428G01*	300	87	155	29/32	12
CH0428H	500	105	175	24/29	6
CH0428H01	500	105	175	19/26	6
CH0428I	500	105	175	29/32	6
CH0428I01*	500	105	180	45/40	6
CH0428J	1000	131	220	24/29	6
CH0428K	1000	131	220	29/32	6
CH0428L	1000	131	220	34/35	6
CH0428L01*	1000	131	220	45/40	6
CH0428M	2000	166	280	29/32	4
CH0428N	2000	166	280	34/35	4
CH0428N01*	2000	166	280	45/40	4
CH0428O*	3000	187	310	45/40	1
CH0428P	5000	220	365	45/40	1

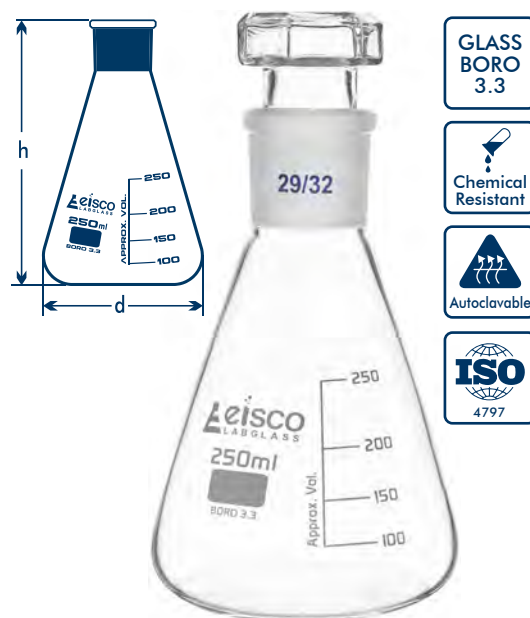
* Not covered in ISO 4797 standard



Flasks - Conical Erlenmeyer with Hollow Glass Stopper

- Conical Erlenmeyer flask with interchangeable hollow glass stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Easy to read white enamel graduations
- Graduated to indicate approximate volume
- As per ISO 4797 standard
- Autoclavable at 121°C

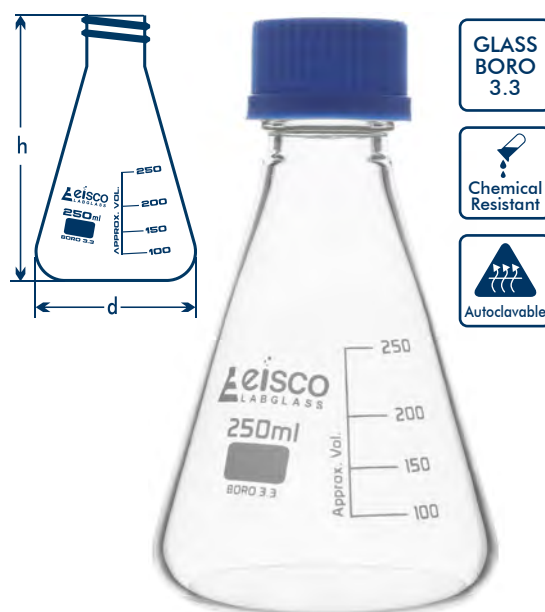
Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Socket Size	Pack Size
CH0429A	100	64	105	29/32	12
CH0429B	250	85	145	29/32	12
CH0429C	500	105	175	29/32	6
CH0429D	1000	131	220	29/32	6
CH0429E	2000	166	280	29/32	4



Flasks - Conical Erlenmeyer with Screw Cap

- Conical Erlenmeyer flask with screw cap
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Easy to read white enamel graduations
- Graduated to indicate approximate volume
- Teflon lined polypropylene screw cap included
- Autoclavable at 121°C

Code	Capacity (ml)	Thread GL	Dia. (d) (mm)	Height (h) (mm)	Pack Size
CH0430B	50	GL25	51	95	12
CH0430C	100	GL25	65	110	12
CH0430C01	125	GL25	67	115	12
CH0430D	250	GL32	85	150	12
CH0430E	500	GL32	105	180	6
CH0430F	1000	GL45	131	225	6
CH0430G	2000	GL45	166	280	4



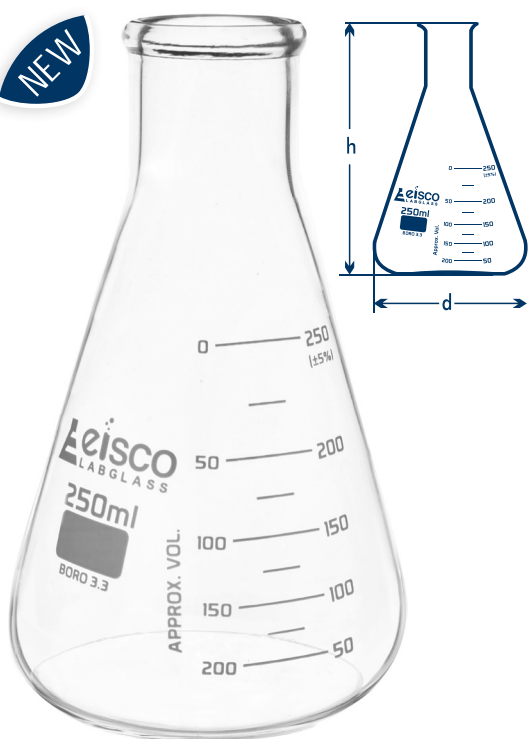


NEW

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

ASTM

**Flasks - Conical Erlenmeyer with Narrow Neck, ASTM**

- Conical Erlenmeyer flask with narrow neck
- Designed from ASTM specification E1404, Type-1, Class-1 requirements
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type 1, Class A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Reinforced rim ensures high impact strength
- Easy to read dual white enamel graduations
- Graduated to indicate approximate volume
- Autoclavable at 121°C

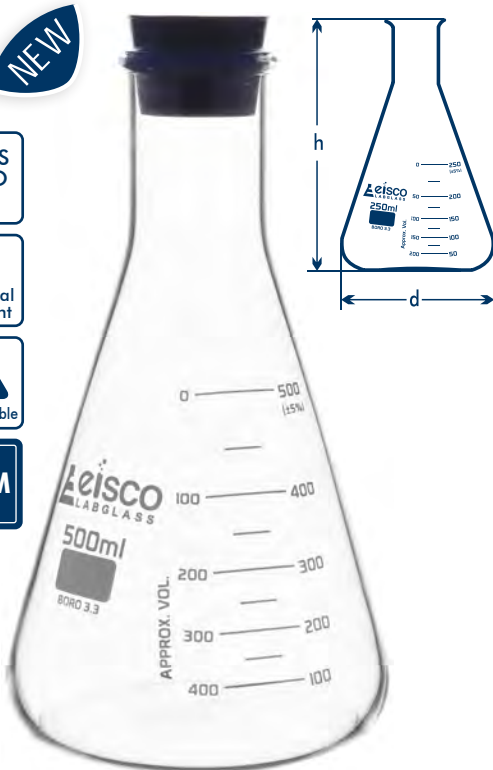
Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Stopper Number (not included)	Pack Size
CH2153	25	42	65	0	12
CH2154	50	52	80	1	12
CH2156	125	68	115	5	12
CH2159	250	85	140	6	12
CH2160	300	90	145	6	12
CH2161	500	105	185	7	6
CH2162	1000	130	220	9	6
CH2163	2000	165	280	10	4
CH2164	4000	210	360	10	1
CH2165	6000	235	405	10	1

NEW

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

ASTM

**Flasks - Conical Erlenmeyer with Narrow Neck and Rubber Stopper, ASTM**

- Conical Erlenmeyer flask with narrow neck
- Designed from ASTM specification E1404, Type-1, Class-1 requirements
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Reinforced rim ensures high impact strength
- Easy to read dual white enamel graduations
- Graduated to indicate approximate volume
- Solid Neoprene stopper included
- Autoclavable at 121°C

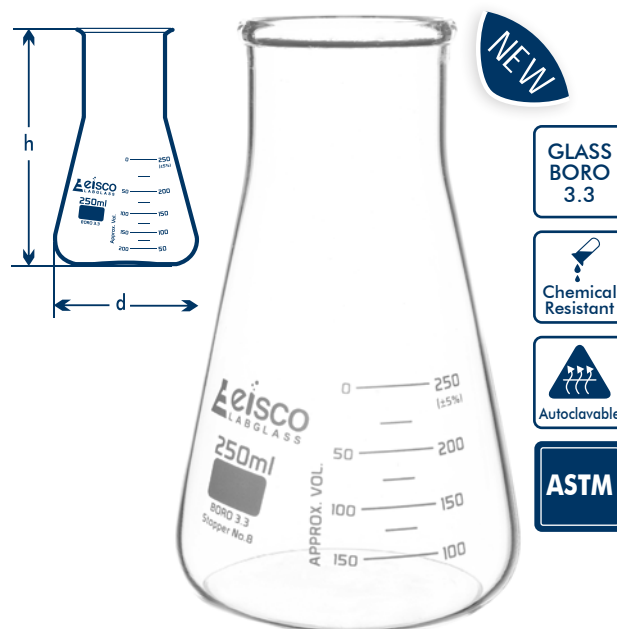
Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Stopper Number	Pack Size
CH2171	25	42	65	0	1
CH2172	50	52	80	1	1
CH2174	125	68	115	5	1
CH2177	250	85	135	6	1
CH2178	300	90	145	6	1
CH2179	500	105	185	7	1
CH2180	1000	130	220	9	1
CH2181	2000	165	280	10	1
CH2182	4000	210	360	10	1
CH2183	6000	235	405	10	1



Flasks - Conical Erlenmeyer with Wide Neck, ASTM

- Conical Erlenmeyer flask with wide neck
- Designed from ASTM specification E1404, Type-I, Class-2 requirements
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Reinforced rim ensures high impact strength
- Easy to read dual white enamel graduations
- Graduated to indicate approximate volume
- Autoclavable at 121°C

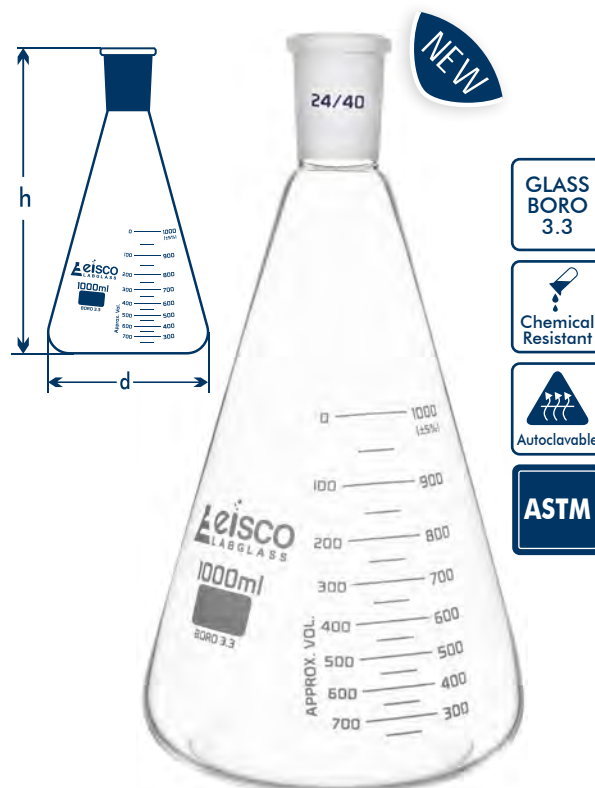
Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Stopper Number (not included)	Pack Size
CH2141	125	68	115	6	12
CH2142	250	85	140	8	12
CH2143	500	105	180	10	6
CH2144	1000	130	215	11	6
CH2145	2000	165	280	13	4



Flasks - Conical Erlenmeyer with Narrow Neck and Interchangeable Joint, ASTM

- Conical Erlenmeyer flask with standard ground joint
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Easy to read dual white enamel graduations
- Graduated to indicate approximate volume
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Socket Size	Pack Size
CH2203	25	42	75	14/20	12
CH2204	25	42	75	19/22	12
CH2205	50	51	90	14/20	12
CH2206	50	51	90	19/22	12
CH2230	50	51	100	19/38	12
CH2207	50	51	105	24/40	12
CH2211	125	68	115	14/20	12
CH2212	125	68	115	19/22	12
CH2213	125	68	125	24/40	12
CH2214	250	85	145	19/22	12
CH2215	250	85	160	24/40	12
CH2216	250	85	160	29/42	12
CH2217	500	105	180	19/22	6
CH2218	500	105	200	24/40	6
CH2219	500	105	200	29/42	6
CH2220	1000	130	235	24/40	6
CH2221	1000	130	235	29/42	6
CH2222	1000	130	235	34/45	6
CH2223	1000	130	245	45/50	6
CH2224	2000	165	290	24/40	4
CH2225	2000	165	290	29/42	4
CH2226	2000	165	295	34/45	4
CH2227	2000	165	300	45/50	4

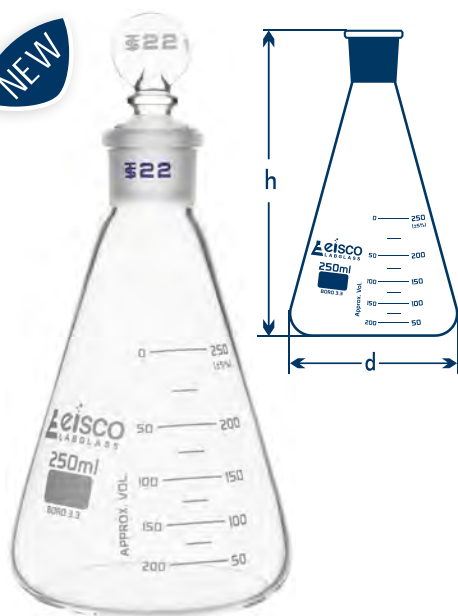




NEW

GLASS
BORO
3.3

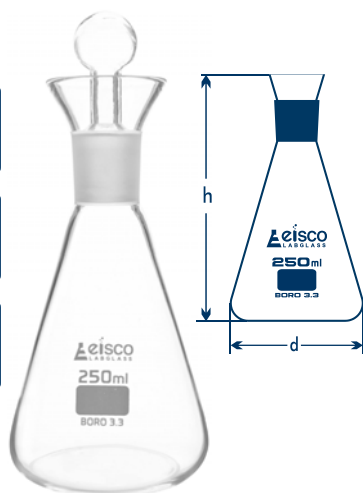
ASTM



Flasks - Conical Erlenmeyer with Penny Head Stopper, ASTM

- Conical Erlenmeyer flask with solid glass stopper
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class A requirements
- Designed from ASTM specification E1404, Type-II, Class-2 requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Conical shape for thorough mixing
- Easy to read dual white enamel graduations
- Graduated to indicate approximate volume
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Stopper Number	Pack Size
CH2241	50	51	80	19	12
CH2243	125	68	120	22	12
CH2244	250	85	145	27	12
CH2245	500	105	180	32	6
CH2246	1000	131	210	32	6

GLASS
BORO
3.3

Flasks - Iodine with Stopper

- Conical shaped flask used for iodine value determination
- Interchangeable hollow glass stopper with extended handle included
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Reinforced rim ensures high impact strength
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Socket Size	Pack Size
CH0434A	250	85	165	24/29	2
CH0434B	250	85	165	29/32	2
CH0434C	500	105	190	24/29	2
CH0434D	500	105	190	29/32	2
CH0434E	1000	131	230	29/32	2

NEW

GLASS
BORO
3.3

ASTM



Flasks - Iodine with Stopper, ASTM

- Conical shaped flask used for iodine value determination
- Interchangeable hollow glass stopper with extended handle included
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Designed from ASTM specifications E1404, Type-II, Class-3 requirements
- Autoclavable at 121°C

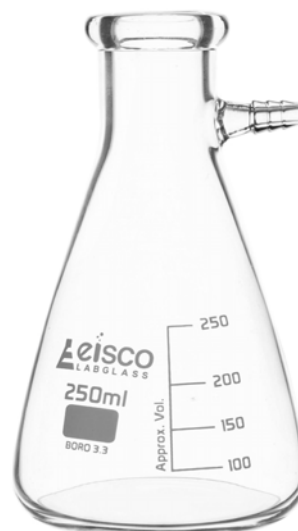
Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Stopper Number	Pack Size
CH2251	125	68	125	22	1
CH2252	250	85	165	22	1
CH2253	500	105	200	22	1



Flasks - Filtering with Glass Connector

- Conical shaped filter flask with tubulated integral side arm
- Heavy wall design for safe use under vacuum pressure
- Neck design ensures secure fit with stopper (not included)
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Easy to read white enamel graduations
- Graduated to indicate approximate volume
- Autoclavable at 121°C

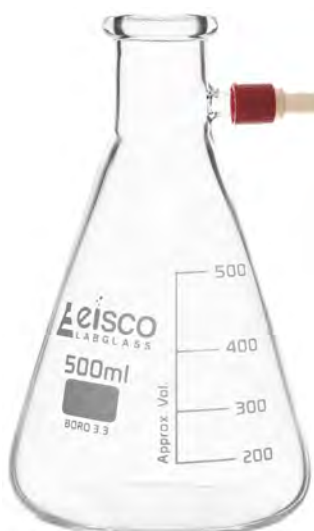
Code Glass Connector	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH0420A	100	65	105	12
CH0420B	250	86	150	12
CH0420C	500	106	185	6
CH0420D	1000	133	235	6
CH0420E	2000	168	270	1
CH0420F	5000	220	370	1

GLASS
BORO
3.3

Flasks - Filtering with Plastic Connector

- Conical shaped filter flask with integral side arm and plastic adapter
- Heavy wall design for safe use under vacuum pressure
- Neck design ensures secure fit with stopper (not included)
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Easy to read white enamel graduations
- Graduated to indicate approximate volume
- Autoclavable at 121°C

Code Plastic Connector	Capacity (ml)	Dia. (mm)	Height (mm)	Pack Size
CH0420APST	100	65	105	12
CH0420BPST	250	86	150	12
CH0420CPST	500	106	185	6
CH0420DPST	1000	133	235	6
CH0420EPST	2000	168	270	1
CH0420FPST	5000	220	370	1

GLASS
BORO
3.3

Flasks - Filtering with Glass Connector, ASTM

- Conical shaped filter flask with integral tubulated side arm
- Heavy wall design for safe use under vacuum pressure
- Neck design ensures secure fit with stopper (not included)
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Easy to read dual white enamel graduations
- Graduated to indicate approximate volume
- Designed from ASTM specification E1406, Type-II, Class-1 requirements
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Stopper Size (not included)	Pack Size
CH2271	250	86	150	6	12
CH2272	500	106	185	7	6
CH2273	1000	136	235	8	6
CH2274	2000	168	300	9	1
CH2275	4000	206	370	12	1

GLASS
BORO
3.3

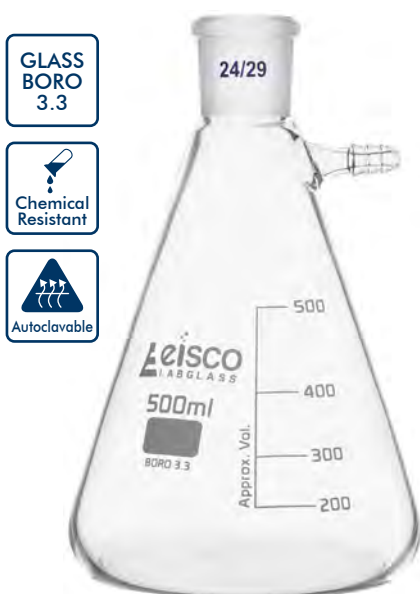
ASTM



Flasks - Filtering Micro with Glass Connector, ASTM

- Conical shaped filter flask with integral tubulated side arm
- Heavy wall design for safe use under vacuum pressure
- Neck design ensures secure fit with stopper (not included)
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Easy to read dual white enamel graduations
- Graduated to indicate approximate volume
- Designed from ASTM specification E1406, Type-II, Class-1 requirements
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Stopper Size (not included)	Pack Size
CH2277	25	40	75	3	12
CH2278	50	51	85	4	12
CH2279	125	70	115	5	12



Flasks - Filtering Buchner with Standard Ground Joint

- Conical shaped filter flask with standard ground joint
- Integral side arm with tubulation
- Heavy wall design for safe use under vacuum pressure
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Easy to read white enamel graduations
- Graduated to indicate approximate volume
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH0422A	100	65	105	19/26	12
CH0422B	100	65	105	24/29	12
CH0422C	250	86	140	24/29	12
CH0422C01	250	86	140	29/32	12
CH0422D	500	106	175	24/29	6
CH0422D01	500	106	175	29/32	6
CH0422E	1000	131	220	24/29	6
CH0422F	1000	131	220	29/32	6



Flasks - Filtering Buchner with Standard Ground Joint, ASTM

- Conical shaped filter flask with standard ground joint
- Integral side arm with tubulation
- Heavy wall design for safe use under vacuum pressure
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Easy to read dual white enamel graduations
- Graduated to indicate approximate volume
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Joint Size	Pack Size
CH2291	250	86	160	24/40	12
CH2292	500	106	200	24/40	6
CH2293	1000	133	245	24/40	6



Flasks - Boiling Flat Bottom with Narrow Neck

- Flat bottom boiling flask with narrow neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Reinforced rims ensures high impact strength
- Complies with DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH0410B	50	51	26	90	12
CH0410C	100	64	26	105	12
CH0410E	250	85	34	140	12
CH0410F	500	105	34	165	6
CH0410G	1000	131	42	190	6
CH0410H	2000	166	50	230	4
CH0410I*	3000	185	50	250	1
CH0410J*	5000	223	50	290	1
CH0410K	6000	237	65	315	1
CH0410L	10,000	280	65	360	1
CH0410M*	20,000	345	76	500	1

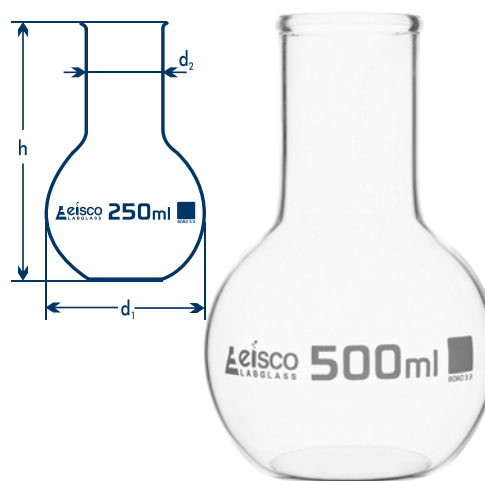
* Not covered in DIN ISO 1773 standard



Flasks - Boiling Flat Bottom with Wide Neck

- Flat bottom boiling flask with wide neck
- Wide neck enables easy filling and cleaning
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Complies with DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH0411A	50	51	34	90	12
CH0411B	100	64	34	105	12
CH0411C	250	85	50	140	12
CH0411D	500	105	50	165	6
CH0411E	1000	131	50	190	6
CH0411F	2000	166	76	230	4



Flasks - Boiling Flat Bottom with Narrow Neck, Amber

- Amber Flat bottom boiling flask with narrow neck
- Suitable for use with light sensitive materials
- Made of high quality, chemical resistant amber borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Complies with DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH2425	100	64	26	105	12
CH2426	250	85	34	140	12
CH2427	500	105	34	165	6
CH2428	1000	131	42	190	6
CH2429	2000	166	50	230	4



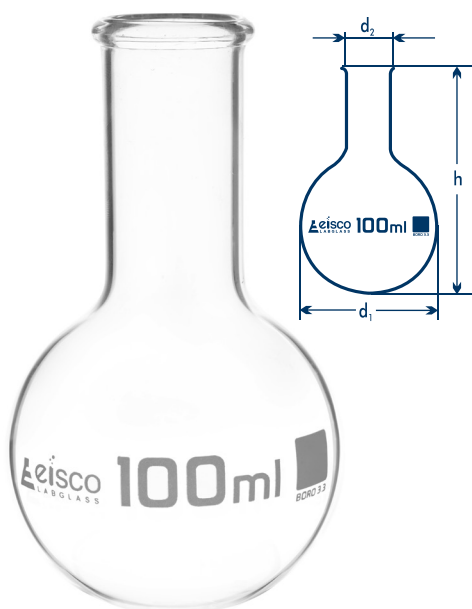
GLASS
BORO
3.3

Flasks - Boiling Flat Bottom with Short Neck and Interchangeable Joint

- Flat bottom boiling flask with short neck and standard ground joint
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Complies with DIN ISO 4797 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH0412A*	50	51	85	14/23	12
CH0412B	50	51	85	19/26	12
CH0412B01	50	51	85	24/29	12
CH0412B02*	50	51	85	29/32	12
CH0412C*	100	64	103	14/23	12
CH0412D	100	64	103	19/26	12
CH0412E	100	64	103	24/29	12
CH0412E01	100	64	103	29/32	12
CH0412F	250	85	130	19/26	12
CH0412F01*	250	85	130	14/23	12
CH0412G	250	85	130	24/29	12
CH0412H	250	85	130	29/32	12
CH0412I	500	105	160	24/29	6
CH0412I01*	500	105	160	19/26	6
CH0412J	500	105	160	29/32	6
CH0412K	1000	131	187	24/29	6
CH0412L	1000	131	187	29/32	6
CH0412L01	1000	131	187	34/35	6
CH0412L02*	1000	131	187	45/50	6
CH0412M	2000	166	230	29/32	4
CH0412N	2000	166	230	34/35	4
CH0412O*	3000	185	260	29/32	1
CH0412P*	3000	185	260	34/35	1
CH0412Q*	3000	185	260	45/40	1
CH0412R*	5000	223	280	29/32	1
CH0412S*	5000	223	280	34/35	1
CH0412T*	5000	223	280	45/40	1
CH0412U*	10000	279	350	45/40	1

* Not covered in DIN ISO 4797 standard

GLASS
BORO
3.3

Flasks - Boiling Round Bottom with Narrow Neck

- Round bottom boiling flask with narrow neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Reinforced rims ensures high impact strength
- Complies with DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH0402B	50	51	26	95	12
CH0402C	100	64	26	110	12
CH0402E	250	85	34	145	12
CH0402F	500	105	34	168	6
CH0402G	1000	131	42	200	6
CH0402H	2000	166	50	240	4
CH0402I*	3000	185	50	260	1
CH0402J*	5000	223	50	305	1
CH0402K	6000	236	65	330	1
CH0402L	10,000	279	65	380	1
CH0402M*	20,000	345	76	515	1

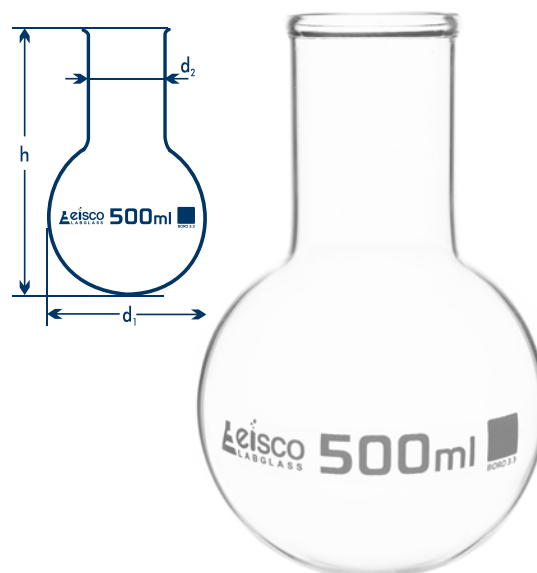
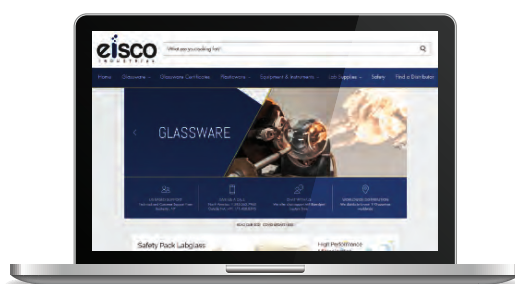
* Not covered in DIN ISO 1773 standard



Flasks - Boiling Round Bottom with Wide Neck

- Flat bottom boiling flask with wide neck
- Wide neck enables easy filling and cleaning
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Reinforced rims ensures high impact strength
- Complies with DIN ISO 24450 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH0403A	50	51	34	95	12
CH0403B	100	64	34	110	12
CH0403C	250	85	50	145	12
CH0403D	500	105	50	168	6
CH0403E	1000	131	50	200	6
CH0403F	2000	165	76	240	4

GLASS
BORO
3.3

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Flasks - Boiling Round Bottom with Narrow Neck, Amber

- Amber Flat bottom boiling flask with narrow neck
- Suitable for use with light sensitive materials
- Made of high quality, chemical resistant amber borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Complies with DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d ₁) (mm)	Dia. (d ₂) (mm)	Height (h) (mm)	Pack Size
CH2351	100	64	26	110	12
CH2352	250	85	34	145	12
CH2353	500	105	34	168	6
CH2354	1000	131	42	200	6
CH2355	2000	166	50	240	4

GLASS
BORO
3.3



Flasks - Boiling Round Bottom with Short Neck and Interchangeable Joint

- Flat bottom boiling flask with short neck and standard ground joint
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Complies with DIN ISO 4797 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH0404A	50	51	90	14/23	12
CH0404B	50	51	90	19/26	12
CH0404B01	50	51	90	24/29	12
CH0404B02	50	51	90	29/32	12
CH0404C	100	64	105	14/23	12
CH0404D	100	64	105	19/26	12
CH0404E	100	64	105	24/29	12
CH0404E01	100	64	105	29/32	12
CH0404F	250	85	140	19/26	12
CH0404F01*	250	85	140	14/23	12
CH0404G	250	85	140	24/29	12
CH0404H	250	85	140	29/32	12
CH0404I	500	105	163	24/29	6
CH0404I01*	500	105	163	19/26	6
CH0404J	500	105	163	29/32	6
CH0404K	1000	131	200	24/29	6
CH0404L	1000	131	200	29/32	6
CH0404L01*	1000	131	200	34/35	6
CH0404M	2000	166	240	29/32	4
CH0404N*	2000	166	240	34/35	4
CH0404O*	3000	185	250	29/32	1
CH0404P*	3000	185	250	34/35	1
CH0404Q*	3000	185	250	45/40	1
CH0404R	5000	223	275	29/32	1
CH0404S	5000	223	275	34/35	1
CH0404T	5000	223	275	45/40	1
CH0404U	10000	279	375	45/40	1

* Not covered in DIN ISO 4797 standard



Flasks - Boiling Flat Bottom with Long Neck, ASTM

- Flat bottom boiling flask with narrow neck
- Designed from ASTM specification E1403, Type-1, Class-1 requirements
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Reinforced rims ensures high impact strength
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Stopper Number	Pack Size
CH2411	50	51	95	1	12
CH2412	125	68	120	2	12
CH2413	250	85	140	5	12
CH2414	500	105	180	6	6
CH2415	1000	131	210	8	6
CH2416	2000	166	290	8	4
CH2417	3000	185	320	10	1
CH2418	6000	237	365	11	1
CH2419	12,000	295	390	11	1



Flasks - Boiling Flat Bottom with Short Neck and Interchangeable Joint, ASTM

- Flat bottom boiling flask with short neck and standard ground joint
- Designed from ASTM specification E1403, Type-1, Class-4 requirements
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH2431	50	51	100	24/40	12
CH2434	100	65	115	24/40	12
CH2435	100	65	115	29/42	12
CH2438	250	85	140	24/40	12
CH2439	250	85	140	29/42	12
CH2442	500	105	155	24/40	6
CH2443	500	105	155	29/42	6
CH2446	1000	131	185	24/40	6
CH2447	1000	131	185	29/42	6
CH2451	2000	166	220	24/40	4
CH2452	2000	166	220	29/42	4



Flasks - Boiling Round Bottom with Short Neck, ASTM

- Round bottom boiling flask with narrow neck
- Precisely tooled ring neck for uniform stopper fit
- Designed from ASTM specification E1403, Type-II, Class-2 requirements
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Autoclavable at 121°C

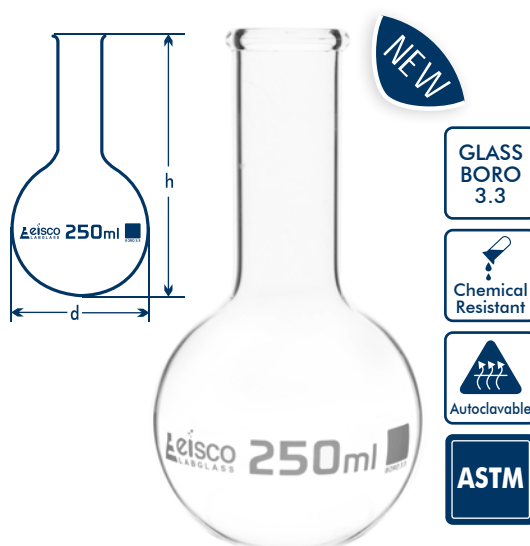
Code	Capacity (ml)	Dia. (mm)	Height (mm)	Stopper Number (not included)	Pack Size
CH2321	250	85	130	5	12
CH2322	500	105	160	6	6
CH2323	1000	130	190	8	6
CH2324	2000	165	230	10	4
CH2325	3000	185	260	10	1
CH2326	5000	223	305	11	1
CH2327	12,000	295	385	11	1
CH2328	22,000	350	430	14	1



Flasks - Boiling Round Bottom with Long Neck, ASTM

- Round bottom boiling flask with narrow neck
- Long Neck reinforced tooled top
- Designed from ASTM specification E1403, Type-II, Class-1 requirements
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (d) (mm)	Height (h) (mm)	Stopper Number (not included)	Pack Size
CH2336	50	51	100	1	12
CH2337	100	65	120	2	12
CH2338	250	85	150	5	12
CH2339	500	105	200	6	6
CH2340	1000	131	240	8	6
CH2341	2000	166	300	8	4
CH2342	5000	223	380	11	1





Flasks - Boiling Round Bottom with Short Neck and Interchangeable Joint, ASTM

- Round bottom boiling flask with short neck and standard ground joint
- Designed from ASTM specification E1403, Type-II, Class-3 requirements
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Joint Size	Pack Size
CH2371	25	42	75	14/20	12
CH2372	25	42	75	19/22	12
CH2373	50	51	90	14/20	12
CH2374	50	51	90	19/22	12
CH2375	50	51	105	24/40	12
CH2376	100	64	100	14/20	12
CH2377	100	65	100	19/22	12
CH2378	100	65	120	24/40	12
CH2379	100	65	120	29/42	12
CH2380	250	85	130	14/20	12
CH2381	250	85	130	19/22	12
CH2382	250	85	145	24/40	12
CH2383	250	85	145	29/42	12
CH2384	500	105	140	14/20	6
CH2385	500	105	140	19/22	6
CH2386	500	105	165	24/40	6
CH2387	500	105	165	29/42	6
CH2388	1000	130	200	24/40	6
CH2389	1000	130	200	29/42	6
CH2390	1000	130	200	34/45	6
CH2391	2000	165	230	24/40	4
CH2392	2000	165	230	29/42	4
CH2393	2000	165	230	34/45	4
CH2394	3000	186	275	24/40	1
CH2395	3000	186	275	29/42	1
CH2396	3000	186	275	34/45	1
CH2397	3000	186	275	45/50	1
CH2398	5000	223	320	24/40	1
CH2399	5000	223	320	45/50	1
CH2400	12,000	295	385	45/50	1
CH2401	12,000	295	385	55/50	1
CH2402	22,000	350	430	55/50	1

Flasks - Boiling Pear Shape with Joint

- Pear shaped boiling flask
- Short neck with standard tapered ground joint
- Ideal for micro and semi micro distillations
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH0406A01	10	35	75	14/23	12
CH0406A	25	42	90	14/23	12
CH0406B	50	50	110	14/23	12
CH0406B01	50	50	110	19/26	12
CH0406C	100	64	125	14/23	12
CH0406C01	100	64	125	19/26	12



Flasks - Boiling Pear Shape, Two Neck

- Pear shaped boiling flask with two necks
- Designed with one vertical neck and one angled side neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Center Socket	Side Socket	Pack Size
CH0406H	50	50	110	14/23	14/23	12
CH0406I	100	64	125	14/23	14/23	12



Flasks - Boiling Pear Shape, ASTM

- Pear shaped boiling flask
- Short neck with standard tapered ground joint
- Ideal for micro and semi micro distillations
- Designed from ASTM specification E1403, Type III requirements
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

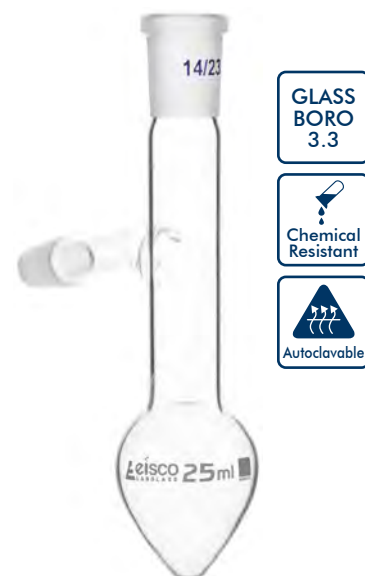
Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH2461	25	42	80	14/20	12
CH2462	50	50	90	14/20	12
CH2463	50	50	100	24/40	12
CH2466	100	64	115	14/20	12
CH2469	100	64	130	24/40	12
CH2473	250	85	150	24/40	12



Flasks - Distilling, Pear Shape with Joint

- Pear shaped distilling flask
- Ideal for micro and semi micro distillations
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Height (mm)	Center Size	Side Socket	Pack Size
CH0407A	10	120	14/23	14/23	1
CH0407B	25	135	14/23	14/23	1
CH0407C	50	150	14/23	14/23	1
CH0407D	100	165	14/23	14/23	1



GLASS
BORO
3.3DIN
12392**Flasks - Distilling, Round Bottom with Two Necks, Parallel**

- Round bottom distilling flask with two necks and standard ground joints
- Vertical center neck and parallel side neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- As per DIN 12392 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Height (mm)	Center Socket	Side Socket	Pack Size
CH0419K	50	90	24/29	14/23	1
CH0419L	50	90	29/32	14/23	1
CH0419M	100	105	24/29	14/23	1
CH0419N	100	105	24/29	19/26	1
CH0419O	100	105	29/32	14/23	1
CH0419P	250	140	24/29	19/26	1
CH0419Q	250	140	24/29	14/23	1
CH0419R	250	140	29/32	14/23	1
CH0419S	500	165	24/29	19/26	1
CH0419T	500	165	24/29	14/23	1
CH0419U	500	165	29/32	14/23	1
CH0419V	1000	200	24/29	19/26	1
CH0419W	1000	200	24/29	14/23	1
CH0419X	1000	200	29/32	14/23	1
CH0419Y	2000	240	34/35	19/26	1
CH0419Z	2000	240	29/32	14/23	1

Flasks - Distilling, Round Bottom with Three Necks, Parallel

- Round bottom distilling flask with three necks and standard ground joints
- Vertical center neck and two parallel side necks
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- As per DIN 12392 standard
- Autoclavable at 121°C

GLASS
BORO
3.3DIN
12392

Code	Capacity (ml)	Height (mm)	Center Socket	Side Socket	Pack Size
CH0418A	250	140	24/29	19/26	1
CH0418B	250	140	29/32	14/23	1
CH0418B01	250	140	29/32	29/32	1
CH0418C	500	165	24/29	19/26	1
CH0418D	500	165	29/32	14/23	1
CH0418E	500	165	29/32	19/26	1
CH0418E01	500	165	29/32	29/32	1
CH0418F	1000	200	24/29	19/26	1
CH0418G	1000	200	29/32	14/23	1
CH0418H	1000	200	29/32	19/26	1
CH0418H01	1000	200	29/32	24/29	1
CH0418H02	1000	200	29/32	29/32	1
CH0418I	2000	240	24/29	19/26	1
CH0418J	2000	240	29/32	19/26	1
CH0418J01	2000	240	29/32	29/32	1
CH0418J02	2000	240	34/35	19/26	1
CH0418J03	2000	240	34/35	24/29	1



Flasks - Distilling, Round Bottom with Three Necks, Angled

- Round bottom distilling flask with three necks and standard ground joints
- Vertical center neck and two angled side necks
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- As per DIN 12394 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Height (mm)	Center Socket	Side Socket	Pack Size
CH0418K	100	105	19/26	14/23	1
CH0418L	100	105	24/29	14/23	1
CH0418L01	100	105	24/29	19/26	1
CH0418L02	100	105	29/32	14/23	1
CH0418M	250	140	19/26	19/26	1
CH0418N	250	140	24/29	14/23	1
CH0418O	250	140	24/29	19/26	1
CH0418O01	250	140	29/32	14/23	1
CH0418O02	250	140	29/32	19/26	1
CH0418O03	250	140	29/32	29/32	1
CH0418P	500	165	24/29	14/23	1
CH0418Q	500	165	24/29	19/26	1
CH0418R	500	165	29/32	19/26	1
CH0418R01	500	165	29/32	14/23	1
CH0418R02	500	165	29/32	29/32	1
CH0418S	1000	200	24/29	14/23	1
CH0418T	1000	200	24/29	19/26	1
CH0418U	1000	200	29/32	19/26	1
CH0418U01	1000	200	29/32	14/23	1
CH0418U02	1000	200	29/32	29/32	1
CH0418V	2000	240	24/29	19/26	1
CH0418W	2000	240	29/32	24/29	1
CH0418X	2000	240	29/32	29/32	1

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

DIN
12394

Flasks - Distilling, Round Bottom with Two Necks, Angled

- Round bottom distilling flask with two necks and standard ground joints
- Vertical center neck and angled side neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- As per DIN 12394 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Height (mm)	Center Socket	Side Socket	Pack Size
CH0419A	50	90	24/29	14/23	1
CH0419A01	50	90	29/32	14/23	1
CH0419B	100	105	24/29	14/23	1
CH0419C	100	105	24/29	19/26	1
CH0419C01	100	105	29/32	14/23	1
CH0419D	250	140	24/29	19/26	1
CH0419E	250	140	24/29	14/23	1
CH0419E01	250	140	29/32	14/23	1
CH0419F	500	165	24/29	19/26	1
CH0419F01	500	165	24/29	14/23	1
CH0419F02	500	165	29/32	14/23	1
CH0419G	1000	200	24/29	19/26	1
CH0419G01	1000	200	24/29	14/23	1
CH0419G02	1000	200	29/32	14/23	1
CH0419H	2000	240	34/35	19/26	1
CH0419I	2000	240	29/32	14/23	1

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

DIN
12394



Flasks - Distilling Round Bottom with Two Necks, Parallel - ASTM

- Round bottom distilling flask with two necks and standard ground joints
- Vertical center neck and parallel side neck
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Autoclavable at 121°C

Code	Capacity (ml)	Height (mm)	Center Socket	Side Socket	Pack Size
CH2481	100	120	24/40	24/40	1
CH2482	250	145	24/40	24/40	1
CH2483	500	165	24/40	24/40	1
CH2484	500	165	34/45	24/40	1
CH2485	1000	200	24/40	24/40	1
CH2486	1000	200	34/45	24/40	1
CH2487	2000	230	24/40	24/40	1
CH2488	2000	230	34/45	24/40	1

Flasks - Distilling Round Bottom with Three Necks, Parallel - ASTM

- Round bottom distilling flask with three necks and standard ground joints
- Vertical center neck and two parallel side necks
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Autoclavable at 121°C



Code	Capacity (ml)	Height (mm)	Center Socket	Side Socket	Pack Size
CH2581	100	120	24/40	24/40	1
CH2582	250	145	24/40	24/40	1
CH2583	250	145	29/42	24/40	1
CH2584	500	165	24/40	24/40	1
CH2585	500	165	29/42	24/40	1
CH2586	500	165	29/42	29/42	1
CH2587	500	165	34/45	24/40	1
CH2588	1000	200	24/40	24/40	1
CH2589	1000	200	29/42	24/40	1
CH2590	1000	200	29/42	29/42	1
CH2591	1000	200	34/45	24/40	1
CH2592	2000	230	24/40	24/40	1
CH2593	2000	230	29/42	24/40	1
CH2594	2000	230	29/42	29/42	1
CH2595	2000	230	34/45	24/40	1
CH2596	2000	240	45/50	24/40	1
CH2597	3000	275	24/40	24/40	1
CH2598	3000	275	29/42	29/42	1
CH2599	3000	275	34/45	24/40	1
CH2600	3000	275	45/50	24/40	1
CH2601	5000	320	24/40	24/40	1
CH2602	5000	320	45/50	24/40	1



Flasks - Distilling Round Bottom with Two Necks, Angled - ASTM

- Round bottom flask with two necks and standard ground joints
- Vertical center neck and angled side neck
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Autoclavable at 121°C

Code	Capacity (ml)	Height (mm)	Center Socket	Side Socket	Pack Size
CH2551	50	90	14/20	14/20	1
CH2552	50	90	19/22	19/22	1
CH2554	100	100	14/20	14/20	1
CH2555	100	100	19/22	19/22	1
CH2556	100	120	24/40	24/40	1
CH2559	250	130	14/20	14/20	1
CH2560	250	130	19/22	19/22	1
CH2561	250	145	24/40	24/40	1
CH2564	500	140	19/22	19/22	1
CH2565	500	165	24/40	24/40	1
CH2568	1000	200	24/40	24/40	1
CH2569	1000	200	29/42	29/42	1
CH2574	2000	230	24/40	24/40	1



GLASS BORO 3.3



Flasks - Distilling with Three Necks, Angled - ASTM

- Round bottom distilling flask with three necks and standard ground joints
- Vertical center neck and two angled side necks
- Made from high quality borosilicate 3.3 glass conforming to USP Type-1 and ASTM E438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- Autoclavable at 121°C

Code	Capacity (ml)	Height (mm)	Center Socket	Side Socket	Pack Size
CH2611	100	120	24/40	24/40	1
CH2612	250	145	24/40	24/40	1
CH2613	250	145	29/42	24/40	1
CH2614	500	165	24/40	24/40	1
CH2615	500	165	29/42	24/40	1
CH2616	500	165	29/42	29/42	1
CH2617	500	165	34/45	24/40	1
CH2618	1000	200	24/40	24/40	1
CH2619	1000	200	29/42	24/40	1
CH2620	1000	200	29/42	29/42	1
CH2621	1000	200	34/45	24/40	1
CH2622	2000	230	24/40	24/40	1
CH2623	2000	230	29/42	24/40	1
CH2624	2000	230	29/42	29/42	1
CH2625	2000	230	34/45	24/40	1
CH2626	2000	240	45/50	24/40	1
CH2627	3000	275	24/40	24/40	1
CH2628	3000	275	29/42	29/42	1
CH2629	3000	275	34/45	24/40	1
CH2630	3000	275	45/50	24/40	1
CH2631	5000	320	24/40	24/40	1
CH2632	5000	320	45/50	24/40	1



GLASS BORO 3.3



GLASS
BORO
3.3Chemical
Resistant

Autoclavable



Flasks - Evaporating with Standard Ground Joint

- Evaporating flask with standard ground joint
- Ideal for use with rotary evaporators
- Heavy wall construction for added strength
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH0435A050	50	48	94	29/32	12
CH0435A	100	60	110	24/29	12
CH0435A01	100	60	110	29/32	12
CH0435B	250	81	140	24/29	12
CH0435C	250	81	140	29/32	12
CH0435D	500	101	170	24/29	6
CH0435E	500	101	170	29/32	6
CH0435F	1000	126	210	24/29	6
CH0435G	1000	126	210	29/32	6

GLASS
BORO
3.3Chemical
Resistant

Autoclavable



Flasks - Distilling with Side Arm

- Flask Distilling with angled side arm
- Best suited for general distillation work
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Length of Side Arm (mm)	Pack Size
CH0416A25	25	41	110	100	2
CH0416A50	50	51	120	100	2
CH0416A	100	64	215	100	2
CH0416B	250	85	225	125	2
CH0416C	500	105	240	140	1
CH0416D	1000	131	300	250	1

GLASS
BORO
3.3Chemical
Resistant

Autoclavable



Flasks - Kjeldahl with Standard Ground Joint

- Round bottom Kjeldahl Flask with standard ground joint
- Specially designed for nitrogen determination as per Kjeldahl method
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Dia. (mm)	Height (mm)	Socket Size	Pack Size
CH0436A	50	51	160	19/26	2
CH0436B	100	60	260	19/26	2
CH0436B01	100	60	260	24/29	2
CH0436C	300	81	290	24/29	2
CH0436D	500	101	305	24/29	2
CH0436E	800	115	325	24/29	2
CH0436F	800	115	325	29/32	2



Flasks - Kjeldahl with Tooled Neck

- Round bottom, long neck Kjeldahl Flask
- Specially designed for nitrogen determination as per the Kjeldahl Method
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

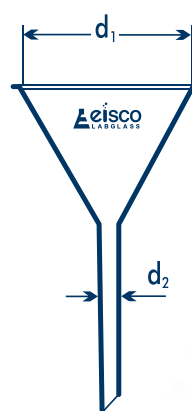
Code	Capacity (ml)	Dia. (mm)	Height (mm)	Neck O.D. (mm)	Pack Size
CH0438A	100	60	240	22	2
CH0438B	300	81	300	28	2
CH0438C	500	101	325	34	2
CH0438D	800	115	350	34	2



Filter Funnels - Short Stem

- Filter Funnel with short stem
- 60° bowl angle for precise filter paper fit
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Complies with ISO 4798 standard
- Autoclavable at 121°C

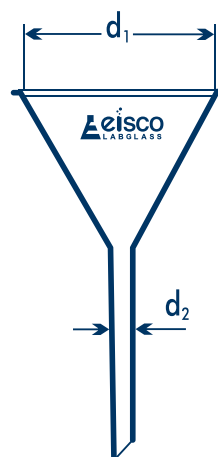
Code	D ₁ (mm)	D ₂ (mm)	Stem Length	Pack Size
CH0456A01	25	6	25	10
CH0456A02	35	6	35	10
CH0456A03	45	7	45	10
CH0456A	50	7	50	10
CH0456B01	55	8	55	10
CH0456B	65	8	65	10
CH0456C	75	8	75	10
CH0456C02	85	9	85	10
CH0456C01	90	9	90	10
CH0456D	100	10	100	10
CH0456E	125	16	125	2
CH0456F	150	16	150	2



Filter Funnels - Short Stem, Heavy Duty

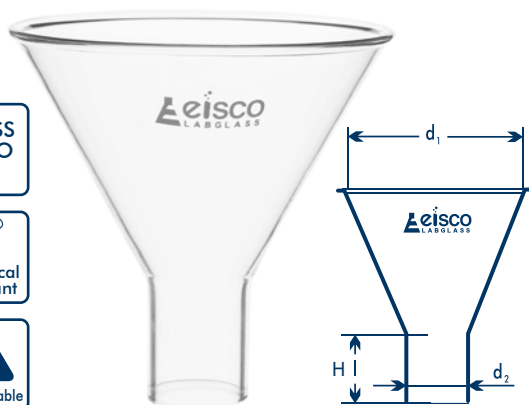
- Thick walled filter funnel with short stem
- 60° bowl angle for precise filter paper fit
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Complies with ISO 4798 standard
- Autoclavable at 121°C

Code	D ₁ (mm)	D ₂ (mm)	Stem Length	Pack Size
CH0458A	35	6	35	10
CH0458B	55	7	55	10
CH0458C	75	8	75	10
CH0458D	100	10	100	10
CH0458E	125	16	125	2
CH0458F	150	16	150	2





GLASS
BORO
3.3



Powder Funnels

- Powder funnel with short stem
- Short stem with parallel cut
- 60° bowl angle for precise filter paper fit
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	D ₁ (I.D.) (mm)	D ₂ (O.D.) (mm)	Height (H) (mm)	Pack Size
CH0459A	45	20	30	10
CH0459B	55	20	30	10
CH0459C	75	22	30	10
CH0459D	85	24	30	10
CH0459E	100	26	30	10
CH0459F	120	34	30	2

GLASS
BORO
3.3



Powder Funnels - Jointed

- Powder funnel with integrated stem cone
- Short stem to facilitate smooth flow
- 60° bowl angle for precise filter paper fit
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Dia. ₁ (mm)	Joint Size	Pack Size
CH0460A	45	14/23	10
CH0460B	55	14/23	10
CH0460C	70	14/23	10
CH0460D	70	29/32	10
CH0460E	100	14/23	10
CH0460F	100	29/32	10

GLASS
BORO
3.3



Measuring Scoops

- Measuring scoops with open tubular arm
- Flat bottom ensures stability on balance pan
- Narrow, hollow stem to facilitate easy transfer of powder into flasks
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Autoclavable at 121°C

Code	Capacity (ml)	Pack Size
CH0461J	3	10
CH0461K	6	10
CH0461L	10	10

GLASS
BORO
3.3



Gas Jars

- Gas jar with ground flange
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Dia. (mm)	Height (mm)	Pack Size
CH0495A	50	150	1
CH0495B	50	200	1
CH0495C	50	250	1



Flasks - Volumetric Class-A with PE Stopper

- Volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ISO 1042 standard
- Autoclavable at 121°C (glass only)
- Batch certificate download available online

Code		Capacity	Tolerance	Socket	Pack
Blue Printing	White Printing	(ml)	± ml	Size	Size
CH0446A01	CH0446A01WT	1	0.025	7/16	10
CH0446A02	CH0446A02WT	2	0.025	7/16	10
CH0446A	CH0446AWT	5	0.025	10/19	10
CH0446B	CH0446BWT	10	0.025	10/19	10
CH0446B01	CH0446B01WT	20	0.040	10/19	10
CH0446C	CH0446CWT	25	0.040	10/19	10
CH0446D	CH0446DWT	50	0.060	12/21	2
CH0446E	CH0446EWT	100	0.100	14/23	2
CH0446F	CH0446FWT	200	0.150	14/23	2
CH0446G	CH0446GWT	250	0.150	14/23	2
CH0446H	CH0446HWT	500	0.250	19/26	2
CH0446I	CH0446IWT	1000	0.400	24/29	2
CH0446J	CH0446JWT	2000	0.600	29/32	1
CH0446K	CH0446KWT	5000	1.200	34/35	1



BATCH
CERTIFICATES



GLASS
BORO
3.3



Flasks - Volumetric Class-B with PE Stopper

- Volumetric flask with one graduation mark
- Calibrated to Class-B volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ISO 1042 standard
- Autoclavable at 121°C (glass only)

Code		Capacity	Tolerance	Socket	Pack
Blue Printing	White Printing	(ml)	± ml	Size	Size
CH0448A01	CH0448A01WT	1	0.05	7/16	10
CH0448A02	CH0448A02WT	2	0.05	7/16	10
CH0448A	CH0448AWT	5	0.05	10/19	10
CH0448B	CH0448BWT	10	0.05	10/19	10
CH0448B01	CH0448B01WT	20	0.08	10/19	10
CH0448C	CH0448CWT	25	0.08	10/19	10
CH0448D	CH0448DWT	50	0.12	12/21	2
CH0448E	CH0448EWT	100	0.20	14/23	2
CH0448F	CH0448FWT	200	0.30	14/23	2
CH0448G	CH0448GWT	250	0.30	14/23	2
CH0448H	CH0448HWT	500	0.50	19/26	2
CH0448I	CH0448IWT	1000	0.80	24/29	2
CH0448J	CH0448JWT	2000	1.20	29/32	1
CH0448K	CH0448KWT	5000	2.40	34/35	1



GLASS
BORO
3.3





Flasks - Volumetric Class-A with Tooled neck

- Volumetric flask with one graduation mark
- Tooled neck facilitates proper stopper fit (not included)
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Complies with ISO 1042 standard
- Autoclavable at 121°C
- Batch certificate download available online

Code	Capacity (ml)	Tolerance ± ml	Pack Size
CH0449A	5	0.025	10
CH0449B	10	0.025	10
CH0449B01	20	0.040	10
CH0449C	25	0.040	10
CH0449D	50	0.060	2
CH0449E	100	0.100	2
CH0449F	200	0.150	2
CH0449G	250	0.150	2
CH0449H	500	0.250	2
CH0449I	1000	0.400	2
CH0449J	2000	0.600	1



Flasks - Volumetric Class-B with Tooled Neck

- Volumetric flask with one graduation mark
- Tooled neck facilitates proper stopper fit (not included)
- Calibrated to Class-B volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Complies with ISO 1042 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance ± ml	Pack Size
CH0450A	5	0.05	10
CH0450B	10	0.05	10
CH0450B01	20	0.08	10
CH0450C	25	0.08	10
CH0450D	50	0.12	2
CH0450E	100	0.20	2
CH0450F	200	0.30	2
CH0450G	250	0.30	2
CH0450H	500	0.50	2
CH0450I	1000	0.80	2
CH0450J	2000	1.20	1



Flasks- Volumetric, Class-A with PE Stopper, Amber

- Amber volumetric flask with one graduation mark
- Suitable for use with light sensitive solutions
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ISO 1042 standard
- Autoclavable at 121°C (glass only)
- Batch certificate download available online

Code	Capacity (ml)	Tolerance \pm ml	Socket Size	Pack Size
CH0451A01	1	0.025	7/16	10
CH0451A02	2	0.025	7/16	10
CH0451A	5	0.025	10/19	10
CH0451B	10	0.025	10/19	10
CH0451B01	20	0.040	10/19	10
CH0451C	25	0.040	10/19	10
CH0451D	50	0.060	12/21	2
CH0451E	100	0.100	14/23	2
CH0451F	200	0.150	14/23	2
CH0451G	250	0.150	14/23	2
CH0451H	500	0.250	19/26	2
CH0451I	1000	0.400	24/29	2
CH0451J	2000	0.600	29/32	1



BATCH CERTIFICATES



GLASS BORO 3.3



Chemical Resistant



Autoclavable



ISO 1042

Flasks - Volumetric, Class-A with Hollow Glass Stopper

- Volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes hollow glass stopper
- Complies with ISO 1042 standard
- Autoclavable at 121°C
- Batch certificate download available online

Code		Capacity	Tolerance	Socket	Pack
Blue Printing	White Printing	(ml)	± ml	Size	Size
CH0439A	CH0439AWT	5	0.025	10/19	10
CH0439B	CH0439BWT	10	0.025	10/19	10
CH0439C	CH0439CWT	20	0.040	10/19	10
CH0439D	CH0439DWT	25	0.040	10/19	10
CH0439E	CH0439EWT	50	0.060	12/21	2
CH0439F	CH0439FWT	100	0.100	14/23	2
CH0439G	CH0439GWT	200	0.150	14/23	2
CH0439H	CH0439HWT	250	0.150	14/23	2
CH0439I	CH0439IWT	500	0.250	19/26	2
CH0439J	CH0439JWT	1000	0.400	24/29	2
CH0439K	CH0439KWT	2000	0.600	29/32	1
CH0439L	CH0439LWT	5000	1.20	34/35	1



BATCH CERTIFICATES



GLASS BORO 3.3



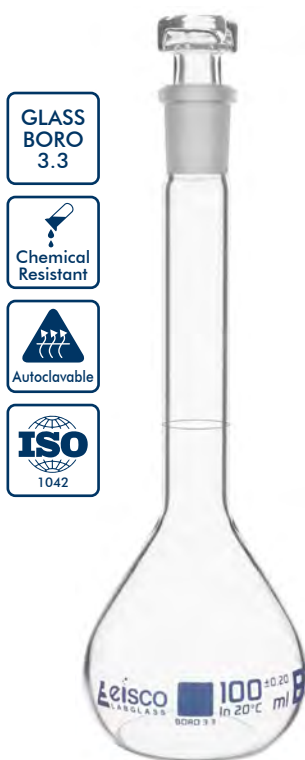
Chemical Resistant



Autoclavable



ISO 1042



Flasks - Volumetric, Class-B with Hollow Glass Stopper

- Volumetric flask with one graduation mark
- Calibrated to Class-B volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes hollow glass stopper
- Complies with ISO 1042 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance ± ml	Socket Size	Pack Size
CH0440A	5	0.05	10/19	10
CH0440B	10	0.05	10/19	10
CH0440C	20	0.08	10/19	10
CH0440D	25	0.08	10/19	10
CH0440E	50	0.12	12/21	2
CH0440F	100	0.20	14/23	2
CH0440G	200	0.30	14/23	2
CH0440H	250	0.30	14/23	2
CH0440I	500	0.50	19/26	2
CH0440J	1000	0.80	24/29	2
CH0440K	2000	1.20	29/32	1
CH0440L	5000	2.40	34/35	1



Flasks - Volumetric Micro, Class-A with Hexagonal base, ASTM

- Micro volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Hexagonal base for improved stability
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes solid glass penny head stopper
- Complies with ASTM E237 standard
- Autoclavable at 121°C
- Batch certificate download available online

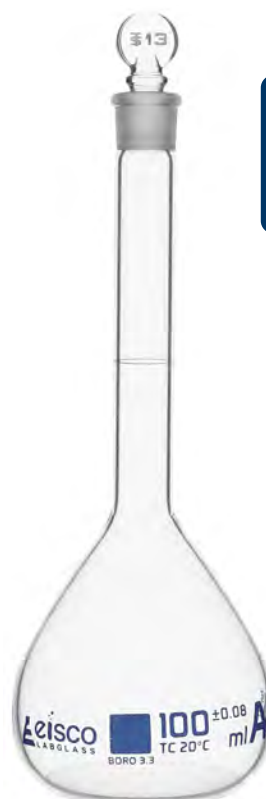
Code	Capacity (ml)	Tolerance ± ml	Stopper Number	Pack Size
CH2701	1	0.01	8	2
CH2702	2	0.015	8	2
CH2706	3	0.015	8	2
CH2707	4	0.020	9	2
CH2703	5	0.020	9	2
CH2704	10	0.020	9	2
CH2705	25	0.030	9	2



Flasks - Volumetric Class-A with Solid Glass Stopper - ASTM

- Volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements.
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Blue printed graduation mark for better visibility
- Includes solid glass penny head stopper
- Complies with ASTM E288 standard
- Autoclavable at 121°C
- Batch certificate available to download online

Code		Capacity	Tolerance	Stopper	Pack
Blue Printing	White Printing	(ml)	± ml	No.	Size
CH0441A01	CH0441A01WT	5	0.020	9	10
CH0441A02	CH0441A02WT	10	0.020	9	10
CH0441A	CH0441AWT	25	0.030	9	10
CH0441B	CH0441BWT	50	0.050	13	2
CH0441C	CH0441CWT	100	0.080	13	2
CH0441D	CH0441DWT	200	0.100	16	2
CH0441E	CH0441EWT	250	0.120	16	2
CH0441F	CH0441FWT	500	0.200	19	2
CH0441G	CH0441GWT	1000	0.300	22	2
CH0441H	CH0441HWT	2000	0.500	27	1



Flasks - Volumetric, Class-A with Solid Glass Stopper and Permanent Blue Ring Mark - ASTM

- Volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Blue printed graduation mark for better visibility
- Includes solid glass penny head stopper
- Complies with ASTM E288 standard
- Autoclavable at 121°C
- Batch certificate available to download online

Code	Capacity	Tolerance	Stopper	Pack
	(ml)	± ml	Number	Size
CH2711	5	0.020	9	10
CH2712	10	0.020	9	10
CH2713	25	0.030	9	10
CH2714	50	0.050	13	2
CH2715	100	0.080	13	2
CH2716	200	0.100	16	2
CH2717	250	0.120	16	2
CH2718	500	0.200	19	2
CH2719	1000	0.300	22	2
CH2720	2000	0.500	27	1



GLASS
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3.3Chemical
Resistant

Autoclavable

ASTM



Flasks - Volumetric Class-B with Solid Glass Stopper - ASTM

- Volumetric flask with one graduation mark
- Calibrated to Class-B volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes solid glass penny head stopper
- Complies with ASTM E288 standard
- Autoclavable at 121°C

Code		Capacity	Tolerance	Stopper	Pack
Blue Printing	White Printing	(ml)	± ml	No.	Size
CH0442A01	CH0442A01WT	5	0.040	9	10
CH0442A02	CH0442A02WT	10	0.040	9	10
CH0442A	CH0442AWT	25	0.060	9	10
CH0442B	CH0442BWT	50	0.100	13	2
CH0442C	CH0442CWT	100	0.160	13	2
CH0442D	CH0442DWT	200	0.200	16	2
CH0442E	CH0442EWT	250	0.240	16	2
CH0442F	CH0442FWT	500	0.400	19	2
CH0442G	CH0442GWT	1000	0.600	22	2
CH0442H	CH0442HWT	2000	1.000	27	1

BATCH
CERTIFICATESGLASS
BORO
3.3Chemical
Resistant

Autoclavable

ASTM



Flasks - Volumetric Class-A with PE Stopper - ASTM

- Volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ASTM E288 standard
- Autoclavable at 121°C (glass only)
- Batch certificate available to download online

Code		Capacity	Tolerance	Stopper	Pack
Blue Printing	White Printing	(ml)	± ml	No.	Size
CH0445A01	CH0445A01WT	5	0.020	9	10
CH0445A02	CH0445A02WT	10	0.020	9	10
CH0445A	CH0445AWT	25	0.030	9	10
CH0445B	CH0445BWT	50	0.050	13	2
CH0445C	CH0445CWT	100	0.080	13	2
CH0445D	CH0445DWT	200	0.100	16	2
CH0445E	CH0445EWT	250	0.120	16	2
CH0445F	CH0445FWT	500	0.200	19	2
CH0445G	CH0445GWT	1000	0.300	22	2
CH0445H	CH0445HWT	2000	0.500	27	1



Flasks - Volumetric Class-B with PE Stopper - ASTM

- Volumetric flask with one graduation mark
- Calibrated to Class-B volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ASTM E288 standard
- Autoclavable at 121°C (glass only)

Code		Capacity	Tolerance	Stopper	Pack
Blue Printing	White Printing	(ml)	± ml	No.	Size
CH0445I01	CH0445I01WT	5	0.040	9	10
CH0445I02	CH0445I02WT	10	0.040	9	10
CH0445I	CH0445IWT	25	0.060	9	10
CH0445J	CH0445JWT	50	0.100	13	2
CH0445K	CH0445KWT	100	0.160	13	2
CH0445L	CH0445LWT	200	0.200	16	2
CH0445M	CH0445MWT	250	0.240	16	2
CH0445N	CH0445NWT	500	0.400	19	2
CH0445O	CH0445OWT	1000	0.600	22	2
CH0445P	CH0445PWT	2000	1.000	27	1



Flasks - Volumetric Class-A with Snap Cap - ASTM

- Volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene snap cap
- Complies with ASTM E288 standard
- Autoclavable at 121°C (glass only)
- Batch certificate available to download online

Code		Capacity	Tolerance	Snap	Pack
Blue Printing	White Printing	(ml)	± ml	Cap No.	Size
CH0443A01	CH0443A01WT	5	0.020	1	10
CH0443A02	CH0443A02WT	10	0.020	1	10
CH0443A03	CH0443A03WT	25	0.030	2	10
CH0443A	CH0443AWT	50	0.050	3	2
CH0443B	CH0443BWT	100	0.080	3	2
CH0443C	CH0443CWT	200	0.100	4	2
CH0443D	CH0443DWT	250	0.120	4	2
CH0443E	CH0443EWT	500	0.200	5	2
CH0443F	CH0443FWT	1000	0.300	6	2
CH0443G	CH0443GWT	2000	0.500	7	1



**Flasks - Volumetric Class-B with Snap Cap - ASTM**

- Volumetric flask with one graduation mark
- Calibrated to Class-B volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene snap cap
- Complies with ASTM E288 standard
- Autoclavable at 121°C (glass only)

Code		Capacity	Tolerance	Stopper	Pack
Blue Printing	White Printing	(ml)	± ml	No.	Size
CH0444A01	CH0444A01WT	5	0.020	1	10
CH0444A02	CH0444A02WT	10	0.020	1	10
CH0444A03	CH0444A03WT	25	0.030	2	10
CH0444A	CH0444AWT	50	0.100	3	2
CH0444B	CH0444BWT	100	0.160	3	2
CH0444C	CH0444CWT	200	0.200	4	2
CH0444D	CH0444DWT	250	0.240	4	2
CH0444E	CH0444EWT	500	0.400	5	2
CH0444F	CH0444FWT	1000	0.600	6	2
CH0444G	CH0444GWT	2000	1.000	7	1

**Flasks - Volumetric Class-A with PE Stopper, QR coded**

- Volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ISO 1042 standard
- Autoclavable at 121°C (glass only)
- Scan QR code to get batch certificate in PDF format

Code	Capacity	Tolerance	Socket	Pack
Blue Printing	(ml)	± ml	Size	Size
CH3001	5	0.025	10/19	2
CH3002	10	0.025	10/19	2
CH3003	20	0.040	10/19	2
CH3004	25	0.040	10/19	2
CH3005	50	0.060	12/21	2
CH3006	100	0.100	14/23	2
CH3007	200	0.150	14/23	2
CH3008	250	0.150	14/23	2
CH3009	500	0.250	19/26	2
CH3010	1000	0.400	24/29	2
CH3011	2000	0.600	29/32	1
CH3012	5000	1.200	34/35	1



Flasks - Volumetric Class-A with Solid Glass Stopper - ASTM, QR coded

- Volumetric flask with one graduation mark
- Calibrated to Class-A volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements.
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Blue printed graduation mark for better visibility
- Includes solid glass penny head stopper
- Complies with ASTM E288 standard
- Autoclavable at 121°C
- Scan QR code to get batch certificate in PDF format

Code	Capacity (ml)	Tolerance ± ml	Stopper No.	Pack Size
CH3021	5	0.020	9	2
CH3022	10	0.020	9	2
CH3023	25	0.030	9	2
CH3024	50	0.050	13	2
CH3025	100	0.080	13	2
CH3026	200	0.100	16	2
CH3027	250	0.120	16	2
CH3028	500	0.200	19	2
CH3029	1000	0.300	22	2
CH3030	2000	0.500	27	1



Flasks- Volumetric, Class-A with PE Stopper, Amber, QR coded

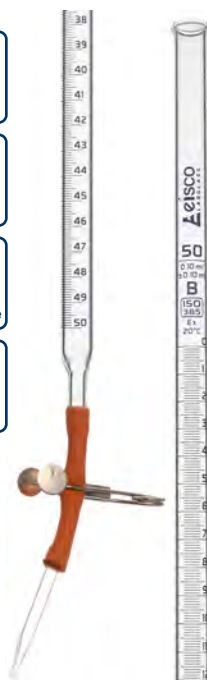
- Amber volumetric flask with one graduation mark
- Suitable for use with light sensitive solutions
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ISO 1042 standard
- Autoclavable at 121°C (glass only)
- Scan QR code to get batch certificate in PDF format

Code	Capacity (ml)	Tolerance ± ml	Socket Size	Pack Size
CH3041	5	0.025	10/19	2
CH3042	10	0.025	10/19	2
CH3043	20	0.040	10/19	2
CH3044	25	0.040	10/19	2
CH3045	50	0.060	12/21	2
CH3046	100	0.100	14/23	2
CH3047	200	0.150	14/23	2
CH3048	250	0.150	14/23	2
CH3049	500	0.250	19/26	2
CH3050	1000	0.400	24/29	2
CH3051	2000	0.600	29/32	1



GLASS
BORO
3.3Chemical
Resistant

Autoclavable

ISO
385

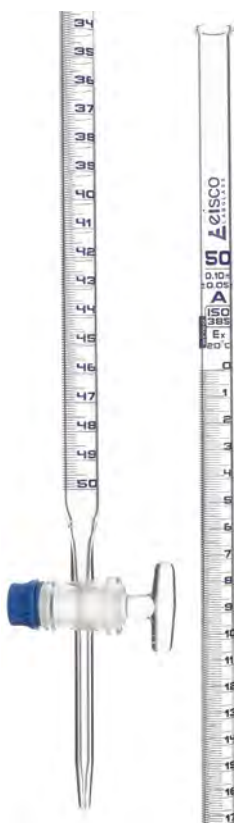
Burettes - Glass with Pinch Clip

- Precision bore burette with detachable rubber tube and pinch clip
- Calibrated to Class-B volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Includes rubber tubing with metal pinch clip
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance ± ml	Pack Size
CH0234A	10	0.05	0.05	10
CH0234B	25	0.10	0.10	10
CH0234C	50	0.10	0.10	10
CH0234D	100	0.20	0.20	10

BATCH
CERTIFICATESGLASS
BORO
3.3Chemical
Resistant

Autoclavable

ISO
385

Burettes - Glass with Glass Key Stopcock

- Precision bore bureette with glass key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-A burette

Class-A

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance ± ml	Pack Size
CH0236A	10	0.05	0.03	1
CH0236B	25	0.10	0.05	1
CH0236B01	25	0.05	0.03	1
CH0236C	50	0.10	0.05	1
CH0236D	100	0.20	0.10	1

Class-B

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance ± ml	Pack Size
CH0236E	10	0.05	0.05	1
CH0236F	25	0.10	0.10	1
CH0236G	50	0.10	0.10	1
CH0236H	100	0.20	0.20	1



Burettes - Glass with Needle Valve Stopcock

- Precision bore burette with needle valve stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-A burette

Class-A

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0238A	CH0238AWT	10	0.05	0.03	1
CH0238B	CH0238BWT	25	0.10	0.05	1
CH0238B01	CH0238B01WT	25	0.05	0.03	1
CH0238C	CH0238CWT	50	0.10	0.05	1
CH0238D	CH0238DWT	100	0.20	0.10	1

Class-B

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0238E	CH0238EWT	10	0.05	0.05	1
CH0238F	CH0238FWT	25	0.10	0.10	1
CH0238G	CH0238GWT	50	0.10	0.10	1
CH0238H	CH0238HWT	100	0.20	0.20	1



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Chemical
Resistant



Autoclavable



Burettes - Glass with PTFE Key Stopcock

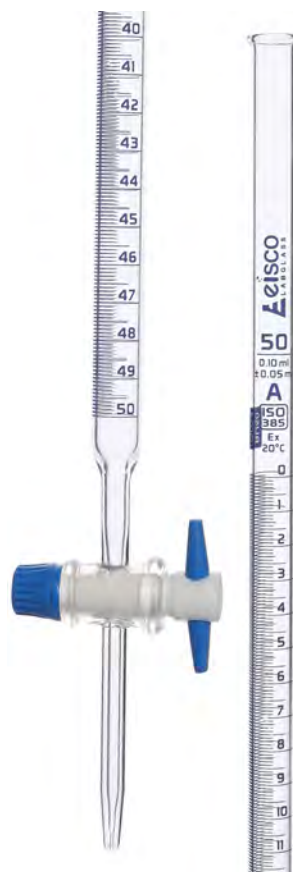
- Precision bore burette with PTFE key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Self lubricating interchangeable PTFE key stopcock
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-A burette

Class-A

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0240A	CH0240AWT	10	0.05	0.03	1
CH0240B	CH0240BWT	25	0.10	0.05	1
CH0240B01	CH0240B01WT	25	0.05	0.03	1
CH0240C	CH0240CWT	50	0.10	0.05	1
CH0240D	CH0240DWT	100	0.20	0.10	1

Class-B

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0240E	CH0240EWT	10	0.05	0.05	1
CH0240F	CH0240FWT	25	0.10	0.10	1
CH0240G	CH0240GWT	50	0.10	0.10	1
CH0240H	CH0240HWT	100	0.20	0.20	1



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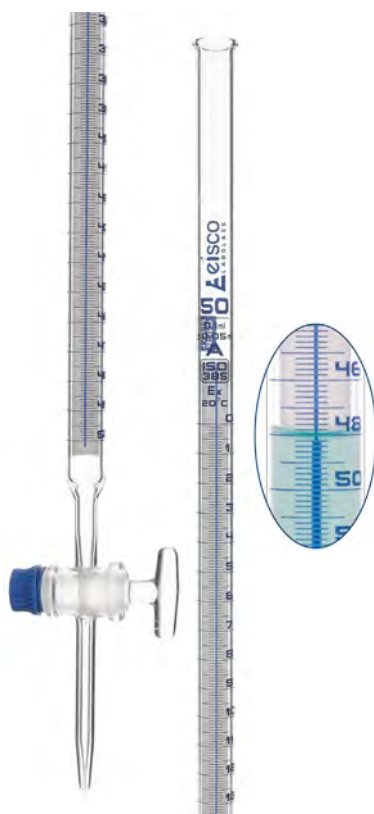


Chemical
Resistant



Autoclavable



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BORO
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Burettes - Schellbach, Glass with Glass Key Stopcock

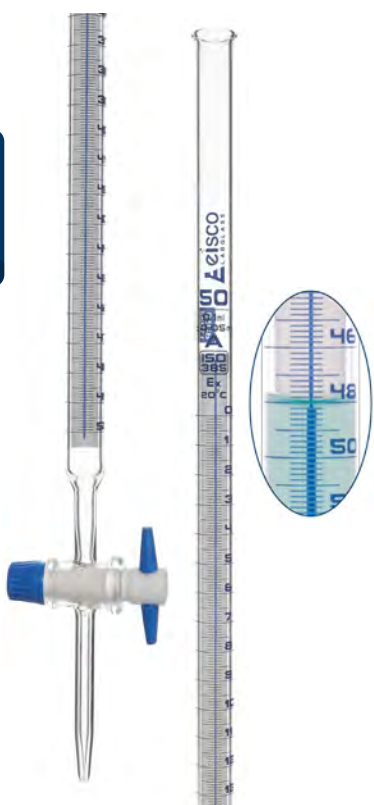
- Precision bore bureette with glass key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Schellbach strip for precise meniscus reading
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-A burette

Class-A

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0241D01	CH0241D01WT	10	0.05	0.03	1
CH0241D02	CH0241D02WT	25	0.05	0.03	1
CH0241D	CH0241DWT	25	0.10	0.05	1
CH0241E	CH0241EWT	50	0.10	0.05	1
CH0241F	CH0241FWT	100	0.20	0.10	1

Class-B

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0241A01	CH0241A01WT	10	0.05	0.05	1
CH0241A	CH0241AWT	25	0.10	0.10	1
CH0241B	CH0241BWT	50	0.10	0.10	1
CH0241C	CH0241CWT	100	0.20	0.20	1

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Burettes - Schellbach, Glass with PTFE Key Stopcock

- Precision bore bureette with PTFE key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Self lubricating interchangeable PTFE key stopcock
- Schellbach strip for precise meniscus reading
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-A burette

Class-A

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0241J01	10	0.05	0.03	1
CH0241J02	25	0.05	0.03	1
CH0241J	25	0.10	0.05	1
CH0241K	50	0.10	0.05	1
CH0241L	100	0.20	0.10	1

Class-B

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0241M01	10	0.05	0.05	1
CH0241M	25	0.10	0.10	1
CH0241N	50	0.10	0.10	1
CH0241O	100	0.20	0.20	1



Burettes - Glass with PTFE Key Stopcock, Class-AS

- Precision bore burette with PTFE key stopcock
- Calibrated to class-AS volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Self lubricating interchangeable PTFE key stopcock
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-AS burette

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH3055	CH3055WT	10	0.05	0.03	1
CH3056	CH3056WT	25	0.10	0.05	1
CH3057	CH3057WT	25	0.05	0.03	1
CH3058	CH3058WT	50	0.10	0.05	1
CH3059	CH3059WT	100	0.20	0.10	1

NEW

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Burettes - Glass with Glass Key Stopcock, Class-AS

- Precision bore burette with glass key stopcock
- Calibrated to class-AS volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-AS burette

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH3061	CH3061WT	10	0.05	0.03	1
CH3062	CH3062WT	25	0.10	0.05	1
CH3063	CH3063WT	25	0.05	0.03	1
CH3064	CH3064WT	50	0.10	0.05	1
CH3065	CH3065WT	100	0.20	0.10	1

NEW

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Burettes - Glass with Needle Valve Stopcock, Class-AS

- Precision bore burette with needle valve stopcock
- Calibrated to class-AS volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-AS burette

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH3071	CH3071WT	10	0.05	0.03	1
CH3072	CH3072WT	25	0.10	0.05	1
CH3073	CH3073WT	25	0.05	0.03	1
CH3074	CH3074WT	50	0.10	0.05	1
CH3075	CH3075WT	100	0.20	0.10	1

NEW

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Burettes - Modular, Glass with PTFE Key Stopcock

- Precision bore burette with modular PTFE key stopcock
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Self lubricating modular PTFE key stopcock with detachable burette tube
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0243A	10	0.05	0.03	1
CH0243B	25	0.10	0.05	1
CH0243C	50	0.10	0.05	1
CH0243D	100	0.20	0.10	1



Funnel Top



Burettes - Micro Glass with PTFE Key Stopcock

- Micro burette designed for precise analytical methods in microchemistry
- Manufactured from chemical resistant borosilicate 3.3 glass
- Funnel top facilitates addition of reagents by pouring or by suction from below through a rubber-stoppered tube
- Calibrated to Class-A volumetric tolerances
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online

Class-A

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0245A	5	0.02	0.01	1
CH0245B	10	0.02	0.02	1



Burettes - Glass, with PTFE Key Stopcock, ASTM

- Precision bore burette with PTFE key stopcock
- Calibrated to Class-B volumetric tolerances
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Self lubricating interchangeable PTFE key stopcock
- Complies with ASTM E287 standard
- Autoclavable at 121°C

Class-B

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0245E	25	0.10	0.06	1
CH0245F	50	0.10	0.10	1



Automatic Zero Burettes - Glass with PTFE Key Stopcock

- Automatic zero burette mounted on glass reservoir with rubber below
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Self lubricating interchangeable PTFE key stopcock
- Graduated reservoir to indicate approximate volume
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for Class-A burette

Class-A

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0242A	10	0.05	0.03	1
CH0242B	25	0.10	0.05	1
CH0242C	50	0.10	0.05	1
CH0242D	100	0.20	0.10	1

Class-B

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0242E	10	0.05	0.05	1
CH0242F	25	0.10	0.10	1
CH0242G	50	0.10	0.10	1
CH0242H	100	0.20	0.20	1



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GLASS BORO 3.3



Chemical Resistant



Autoclavable



Automatic Zero Burettes - Amber Glass with PTFE Key Stopcock

- Automatic zero burette mounted on glass reservoir with rubber below
- Suitable for use with light sensitive solutions
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant amber borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Self lubricating interchangeable PTFE key stopcock
- Graduated reservoir to indicate approximate volume
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online

Class-A

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0242AAM	10	0.05	0.03	1
CH0242BAM	25	0.10	0.05	1
CH0242CAM	50	0.10	0.05	1
CH0242DAM	100	0.20	0.10	1



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GLASS BORO 3.3



Chemical Resistant



Autoclavable





Automatic Zero Burettes - Schellbach, Glass with Intermediate PTFE Key Stopcock

- Automatic zero burette with intermediate stopcock
- Intermediate stopcocks facilitates easy drainage of liquid back to reservoir
- Made of high quality, chemical resistant amber borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Schellbach strip for precise meniscus reading
- Self lubricating interchangeable PTFE key stopcock
- Graduated reservoir to indicate approximate volume
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C
- Batch certificate available to download online for class-A burette

Class-A

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0242P	10	0.05	0.03	1
CH0242Q	25	0.10	0.05	1
CH0242R	50	0.10	0.05	1
CH0242S	100	0.20	0.10	1

Class-B

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH0242T	10	0.05	0.05	1
CH0242U	25	0.10	0.10	1
CH0242V	50	0.10	0.10	1
CH0242W	100	0.20	0.20	1



Automatic Zero Burettes - Schellbach, Glass with PTFE Key Stopcock

- Automatic zero glass burette with polyethylene reservoir
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Schellbach strip (blue) for precise meniscus reading
- PE reservoir has high chemical resistance and is extremely break resistant
- Fine titration with micro screw and exact spout tip
- Press button for precise dosing
- Glass burette autoclavable at 121°C
- Batch certificate available to download online for Class-A burette

Class-A

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Volume Bottle(ml)	Pack Size
CH0242J	25	0.10	0.05	1000	1
CH0242K	50	0.10	0.05	1000	1



Graduated Cylinders - Glass, Class-A with Round Base

- Graduated cylinder with round base and spout
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C
- Batch certificate available to download online

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0344H	CH0344HWT	5	0.1	0.05	10
CH0344I	CH0344IWT	10	0.2	0.10	2
CH0344J	CH0344JWT	25	0.5	0.25	2
CH0344K	CH0344KWT	50	1.0	0.50	2
CH0344L	CH0344LWT	100	1.0	0.50	2
CH0344M	CH0344MWT	250	2.0	1.00	2
CH0344N	CH0344NWT	500	5.0	2.50	2
CH0344O	CH0344OWT	1000	10.0	5.00	2
CH0344P	CH0344PWT	2000	20.0	10.00	1



Graduated Cylinders - Glass, Class-B with Round Base

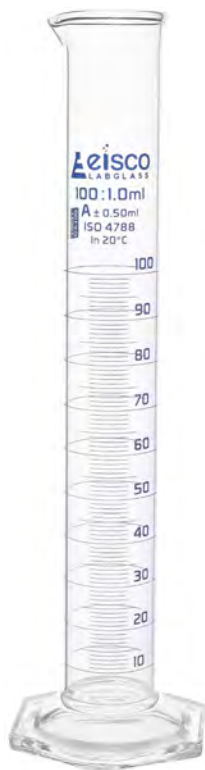
- Graduated cylinder with round base and spout
- Calibrated to Class-B volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0344A5	CH0344A5WT	5	0.1	0.10	10
CH0344A10	CH0344A10WT	10	0.2	0.20	2
CH0344A	CH0344AWT	25	0.5	0.50	2
CH0344B	CH0344BWT	50	1.0	1.00	2
CH0344C	CH0344CWT	100	1.0	1.00	2
CH0344D	CH0344DWT	250	2.0	2.00	2
CH0344E	CH0344EWT	500	5.0	5.00	2
CH0344F	CH0344FWT	1000	10.0	10.00	2
CH0344G	CH0344GWT	2000	20.0	20.00	1





GLASS
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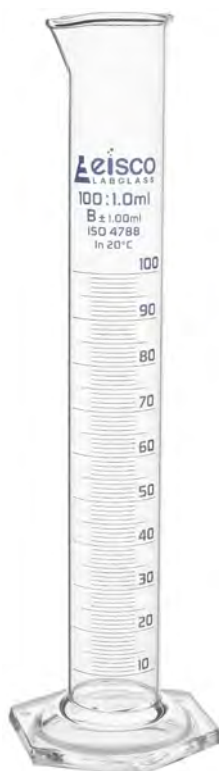


Graduated Cylinders - Glass, Class-A with Hexagonal Base

- Graduated cylinder with hexagonal base and spout
- Calibrated to Class-A volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C
- Batch certificate available to download online

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0345H05	CH0345H05WT	5	0.1	0.05	10
CH0345H	CH0345HWT	10	0.2	0.10	2
CH0345I	CH0345IWT	25	0.5	0.25	2
CH0345J	CH0345JWT	50	1.0	0.50	2
CH0345K	CH0345KWT	100	1.0	0.50	2
CH0345L	CH0345LWT	250	2.0	1.00	2
CH0345M	CH0345MWT	500	5.0	2.50	2
CH0345N	CH0345NWT	1000	10.0	5.00	2
CH0345O	CH0345OWT	2000	20.0	10.00	1

GLASS
BORO
3.3



Graduated Cylinders - Glass, Class-B with Hexagonal Base

- Graduated cylinder with hexagonal base and spout
- Calibrated to Class-B volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0345A05	CH0345A05WT	5	0.1	0.10	10
CH0345A10	CH0345A10WT	10	0.2	0.20	2
CH0345A	CH0345AWT	25	0.5	0.50	2
CH0345B	CH0345BWT	50	1.0	1.00	2
CH0345C	CH0345CWT	100	1.0	1.00	2
CH0345D	CH0345DWT	250	2.0	2.00	2
CH0345E	CH0345EWT	500	5.0	5.00	2
CH0345F	CH0345FWT	1000	10.0	10.00	2
CH0345G	CH0345GWT	2000	20.0	20.00	1



Graduated Cylinders - Glass, Class-B with Hexagonal Plastic Base and Guard

- Graduated cylinder with detachable plastic base and spout
- Includes protective guard
- Calibrated to Class-B volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C (glass only)

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0346A	CH0346AWT	10	0.2	0.20	2
CH0346B	CH0346BWT	25	0.5	0.50	2
CH0346C	CH0346CWT	100	1.0	1.00	2
CH0346D	CH0346DWT	50	0.5	1.00	2
CH0346E	CH0346EWT	250	2.0	2.00	2



GLASS
BORO
3.3

Chemical
Resistant

Autoclavable

ISO
4788

Graduated Mixing Cylinders - Glass, Class-A with Round Base and Glass Stopper

- Mixing cylinder with round base and standard taper joint
- Includes hollow glass stopper
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C
- Batch Certificate available to download online

Code		Capacity	Sub. Div.	Tolerance	Joint	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml		Size
CH0348I	CH0348IWT	10	0.2	0.10	10/19	2
CH0348J	CH0348JWT	25	0.5	0.25	14/23	2
CH0348K	CH0348KWT	50	1.0	0.50	14/23	2
CH0348L	CH0348LWT	100	1.0	0.50	19/26	2
CH0348M	CH0348MWT	250	2.0	1.00	24/29	2
CH0348N	CH0348NWT	500	5.0	2.50	24/29	2
CH0348O	CH0348OWT	1000	10.0	5.00	29/32	2
CH0348P	CH0348PWT	2000	20.0	10.00	34/35	1



BATCH
CERTIFICATES

GLASS
BORO
3.3

Chemical
Resistant

Autoclavable

ISO
4788



GLASS
BORO
3.3

Chemical
Resistant

Autoclavable

ISO
4788



Graduated Mixing Cylinders - Glass, Class-B with Round Base and Glass Stopper

- Mixing cylinder with round base and standard taper joint
- Includes hollow glass stopper
- Calibrated to Class-B volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C

Code	Capacity	Sub. Div.	Tolerance	Joint	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0348A	CH0348AWT	10	0.2	0.20	10/19 2
CH0348B	CH0348BWT	25	0.5	0.50	14/23 2
CH0348C	CH0348CWT	50	1.0	1.00	14/23 2
CH0348D	CH0348DWT	100	1.0	1.00	19/26 2
CH0348E	CH0348EWT	250	2.0	2.00	24/29 2
CH0348F	CH0348FWT	500	5.0	5.00	24/29 2
CH0348G	CH0348GWT	1000	10.0	10.0	29/32 2
CH0348H	CH0348HWT	2000	20.0	20.0	34/35 1

BATCH
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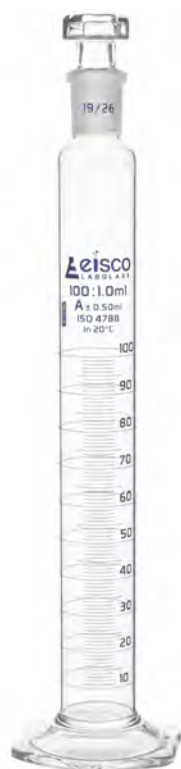


GLASS
BORO
3.3

Chemical
Resistant

Autoclavable

ISO
4788



Graduated Mixing Cylinders - Glass, Class-A with Hexagonal Base and Glass Stopper

- Mixing cylinder with hexagonal base and standard taper joint
- Includes hollow glass stopper
- Calibrated to Class-A volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C
- Batch certificate available to download online

Code	Capacity	Sub. Div.	Tolerance	Joint	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0349I	CH0349IWT	10	0.2	0.10	10/19 2
CH0349J	CH0349JWT	25	0.5	0.25	14/23 2
CH0349K	CH0349KWT	50	1.0	0.50	14/23 2
CH0349L	CH0349LWT	100	1.0	0.50	19/26 2
CH0349M	CH0349MWT	250	2.0	1.00	24/29 2
CH0349N	CH0349NWT	500	5.0	2.50	24/29 2
CH0349O	CH0349OWT	1000	10.0	5.00	29/32 2
CH0349P	CH0349PWT	2000	20.0	10.00	34/35 1



Graduated Mixing Cylinders - Glass, Class-B with Hexagonal Base and Glass Stopper

- Mixing cylinder with hexagonal base and standard taper joint
- Includes hollow glass stopper
- Calibrated to Class-B volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C

Code	Capacity	Sub. Div.	Tolerance	Joint	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0349A	CH0349AWT	10	0.2	0.20	10/19 2
CH0349B	CH0349BWT	25	0.5	0.50	14/23 2
CH0349C	CH0349CWT	50	1.0	1.00	14/23 2
CH0349D	CH0349DWT	100	1.0	1.00	19/26 2
CH0349E	CH0349EWT	250	2.0	2.00	24/29 2
CH0349F	CH0349FWT	500	5.0	5.00	24/29 2
CH0349G	CH0349GWT	1000	10.0	10.0	29/32 2
CH0349H	CH0349HWT	2000	20.0	20.0	34/35 1



GLASS
BORO
3.3

Chemical
Resistant

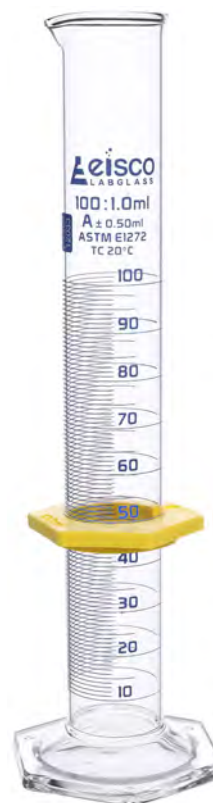
Autoclavable

ISO
4788

Graduated Cylinders - Glass, Class-A with Hexagonal Base and Guard - ASTM

- Graduated cylinder with hexagonal base and spout
- Includes protective guard
- Calibrated to Class-A volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Excellent chemical resistance
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with ASTM E1272 standard
- Autoclavable at 121°C (glass only)
- Batch certificate available to download online

Code		Capacity	Sub. Div.	Tolerance	Pack
Blue Graduated	White Graduated	(ml)	(ml)	± ml	Size
CH0341A05BL	CH0341A05	5	0.1	0.05	2
CH0341ABL	CH0341A	10	0.2	0.10	2
CH0341BBL	CH0341B	25	0.5	0.17	2
CH0341CBL	CH0341C	50	1.0	0.25	2
CH0341DBL	CH0341D	100	1.0	0.50	2
CH0341EBL	CH0341E	250	2.0	1.00	2
CH0341FBL	CH0341F	500	5.0	2.00	2
CH0341GBL	CH0341G	1000	10.0	3.00	2
CH0341HBL	CH0341H	2000	20.0	6.00	1



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Chemical
Resistant

Autoclavable

ASTM



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Chemical
Resistant

Autoclavable

ASTM



Graduated Cylinders - Glass, Class-B with Hexagonal Base and Guard - ASTM

- Graduated cylinder with hexagonal base and spout
- Includes protective guard
- Calibrated to Class-B volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Excellent chemical resistance
- Individually calibrated to contain (TC,ln) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with ASTM E1272 standard
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance ± ml	Pack Size
CH0341I05BL	5	0.1	0.10	2
CH0341IBL	10	0.2	0.20	2
CH0341JBL	25	0.5	0.34	2
CH0341KBL	50	1.0	0.50	2
CH0341LBL	100	1.0	1.00	2
CH0341MBL	250	2.0	2.00	2
CH0341NBL	500	5.0	4.00	2
CH0341OBL	1000	10.0	6.00	2
CH0341PBL	2000	20.0	12.00	1

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Chemical
Resistant

Autoclavable

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Graduated Cylinders - Glass, Class-A with Double Metric Scale - ASTM

- Graduated cylinder with hexagonal base and spout
- Includes protective guard
- Calibrated to Class-A volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Excellent chemical resistance
- Individually calibrated to contain (TC,ln) at 20°C reference temperature
- Easy to read, chemical resistant dual metric scale
- Complies with ASTM E1272 standard
- Autoclavable at 121°C (glass only)
- Batch certificate available to download online

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance ± ml	Pack Size
CH2301	5	0.1	0.05	2
CH2302	10	0.2	0.10	2
CH2303	25	0.5	0.17	2
CH2304	50	1.0	0.25	2
CH2305	100	1.0	0.50	2
CH2306	250	2.0	1.00	2
CH2307	500	5.0	2.00	2
CH2308	1000	10.0	3.00	2
CH2309	2000	20.0	6.00	1



Graduated Cylinders - Glass, Class-A with Hexagonal Base, QR coded

- Graduated cylinder with hexagonal base and spout
- Calibrated to Class-A volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Autoclavable at 121°C
- Scan QR code to get Batch certificate in PDF format

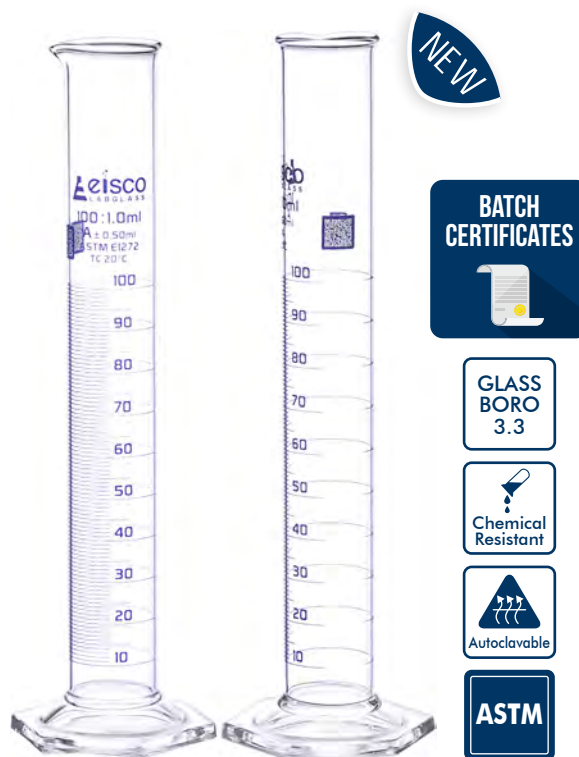
Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
Blue Graduated				
CH3101	5	0.1	0.05	2
CH3102	10	0.2	0.10	2
CH3103	25	0.5	0.25	2
CH3104	50	1.0	0.50	2
CH3105	100	1.0	0.50	2
CH3106	250	2.0	1.00	2
CH3107	500	5.0	2.50	2
CH3108	1000	10.0	5.00	2
CH3109	2000	20.0	10.00	1



Graduated Cylinders - Glass, Class-A with Hexagonal Base and Guard - ASTM, QR coded

- Graduated cylinder with hexagonal base and spout
- Includes protective guard
- Calibrated to Class-A volumetric tolerances
- Hexagonal base for stability, to prevent rolling
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Excellent chemical resistance
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with ASTM E1272 standard
- Autoclavable at 121°C (glass only)
- Scan QR code to get Batch certificate in PDF format

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
Blue Graduated				
CH3121	5	0.1	0.05	2
CH3122	10	0.2	0.10	2
CH3123	25	0.5	0.17	2
CH3124	50	1.0	0.25	2
CH3125	100	1.0	0.50	2
CH3126	250	2.0	1.00	2
CH3127	500	5.0	2.00	2
CH3128	1000	10.0	3.00	2
CH3129	2000	20.0	6.00	1





Graduated Cylinders - Protectors

- Hexagonal shape to prevent on overturned cylinder from rolling off the bench

Code	Fits	Pack Size
CH0352A	10 ml	10
CH0352B	25 ml	10
CH0352C	50 ml	10
CH0352D	100 ml	10
CH0352E	250 ml	10
CH0352F	500 ml	5
CH0352G	1000 ml	5



Nessler Cylinders

- Class-A Nessler cylinder
- Used for color comparisons
- Made from high quality 3.3 borosilicate glass
- Optically plane bottom provides maximum clarity for visual comparisons
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance \pm ml	Pack Size
CH0350A	50	0.40	10
CH0350B	100	0.80	10



Conical Measures

- Conical measures with round base and spout
- Ungraduated
- Wide base for stability
- Made from high quality 3.3 borosilicate glass
- Autoclavable at 121°C

Code	Capacity (ml)	Pack Size
CH0355F	125	1
CH0355G	250	1



Pipettes - Glass, Class-A

- Bulb form, single mark pipette
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Complies with DIN ISO 648 standard
- Batch certificate available to download online
- Autoclavable at 121°C

Code		Capacity (ml)	Tolerance ± ml	Colour Code	Pack Size
Blue Graduated	White Graduated				
CH0559A	CH0559AWT	1	0.007	Blue	1
CH0559B	CH0559BWT	2	0.010	Orange	1
CH0559B01*	CH0559B01WT	3	0.010	Black	1
CH0559B02*	CH0559B02WT	4	0.010	2 Red	1
CH0559C	CH0559CWT	5	0.015	White	1
CH0559C01*	CH0559C01WT	6	0.015	2 Orange	1
CH0559C02*	CH0559C02WT	7	0.015	2 Green	1
CH0559C03*	CH0559C03WT	8	0.020	Blue	1
CH0559C04*	CH0559C04WT	9	0.020	Black	1
CH0559D	CH0559DWT	10	0.020	Red	1
CH0559E*	CH0559EWT	15	0.025	Green	1
CH0559F	CH0559FWT	20	0.030	Yellow	1
CH0559G	CH0559GWT	25	0.030	Blue	1
CH0559H	CH0559HWT	50	0.050	Red	1
CH0559I	CH0559IWT	100	0.080	Yellow	1

* Not covered in DIN ISO 648 standard

Pipettes - Glass, Class-B

- Bulb form, single mark pipette
- Calibrated to Class-B volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Complies with DIN ISO 648 standard
- Autoclavable at 121°C

Code		Capacity (ml)	Tolerance ± ml	Color Code	Pack Size
Blue Graduated	White Graduated				
CH0558A	CH0558AWT	1	0.015	Blue	1
CH0558B	CH0558BWT	2	0.020	Orange	1
CH0558B01*	CH0558B01WT	3	0.020	Black	1
CH0558B02*	CH0558B02WT	4	0.020	2 Red	1
CH0558C	CH0558CWT	5	0.030	White	1
CH0558C01*	CH0558C01WT	6	0.030	2 Orange	1
CH0558C02*	CH0558C02WT	7	0.030	2 Green	1
CH0558C03*	CH0558C03WT	8	0.040	Blue	1
CH0558C04*	CH0558C04WT	9	0.040	Black	1
CH0558D	CH0558DWT	10	0.040	Red	1
CH0558E*	CH0558EWT	15	0.050	Green	1
CH0558F	CH0558FWT	20	0.060	Yellow	1
CH0558G	CH0558GWT	25	0.060	Blue	1
CH0558H	CH0558HWT	50	0.100	Red	1
CH0558I	CH0558IWT	100	0.150	Yellow	1

* Not covered in DIN ISO 648 standard



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Pipettes - Glass, Dual Mark, Class-A

- Bulb form, dual mark pipette
- Calibrated to Class-A volumetric tolerances
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Complies with DIN ISO 648 standard
- Batch certificate available to download online
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance \pm ml	Colour Code	Pack Size
CH0559A2M	1	0.007	Blue	1
CH0559B2M	2	0.010	Orange	1
CH0559C2M	5	0.015	White	1
CH0559D2M	10	0.020	Red	1
CH0559E2M	15	0.025	Green	1
CH0559F2M	20	0.030	Yellow	1
CH0559G2M	25	0.030	Blue	1
CH0559H2M	50	0.050	Red	1
CH0559I2M	100	0.080	Yellow	1

Serological Pipettes - Glass, Class-A

- Class-A serological pipette
- Complies with DIN ISO 835, type 3 total delivery
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Batch certificate available to download online
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance \pm ml	Colour Code	Pack Size
CH0573A	1.0	0.006	Yellow	10
CH0573B	2.0	0.010	Black	10
CH0573C	5.0	0.030	Red	10
CH0573D	10.0	0.050	Orange	10
CH0573E	25.0	0.100	White	5



Serological Pipettes - Glass, Class-B

- Class-B serological pipette
- Complies with DIN ISO 835, type 3 total delivery
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Autoclavable at 121°C

Code		Capacity	Tolerance	Colour	Pack
Blue Graduated	White Graduated	(ml)	± ml	Code	Size
CH0572D	CH0572DWT	1.0	0.010	Yellow	10
CH0572E	CH0572EWT	2.0	0.020	Black	10
CH0572F	CH0572FWT	5.0	0.050	Red	10
CH0572G	CH0572GWT	10.0	0.100	Orange	10
CH0572H	CH0572HWT	25.0	0.200	White	5



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3.3**Crucibles - Gooch Type, Sintered Disc**

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Suitable for drying precipitates to constant mass at 110°C
- Integral glass sintered disc
- Variety of porosity grades to choose from
- Autoclavable at 121°C

Code	Capacity (ml)	Pore Size (µm)	Pack Size
CH0465FG1	15	100-160	10
CH0465FG2	15	40-100	10
CH0465FG3	15	16-40	10
CH0465FG4	15	10-16	10
CH0465GG1	30	100-160	10
CH0465GG2	30	40-100	10
CH0465GG3	30	16-40	10
CH0465GG4	30	10-16	10
CH0465HG1	50	100-160	10
CH0465HG2	50	40-100	10
CH0465HG3	50	16-40	10
CH0465HG4	50	10-16	10

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3.3**Buchner Funnels - Glass with Sintered Disc**

- Buchner funnel with plain stem
- Integral glass sintered disc
- Variety of porosity grades to choose from
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Useful when conventional filter paper can't be used
- Autoclavable at 121°C

Code	Capacity (ml)	Pore Size (µm)	Pack Size
CH0466AG1	35	100-160	2
CH0466AG2	35	40-100	2
CH0466AG3	35	16-40	2
CH0466AG4	35	10-16	2
CH0466BG1	80	100-160	2
CH0466BG2	80	40-100	2
CH0466BG3	80	16-40	2
CH0466BG4	80	10-16	2
CH0466CG1	200	100-160	2
CH0466CG2	200	40-100	2
CH0466CG3	200	16-40	2
CH0466CG4	200	10-16	2
CH0466DG1	500	100-160	2
CH0466DG2	500	40-100	2
CH0466DG3	500	16-40	2
CH0466DG4	500	10-16	2
CH0466EG1	1000	100-160	2
CH0466EG2	1000	40-100	2
CH0466EG3	1000	16-40	2
CH0466EG4	1000	10-16	2



Buchner Funnels - Glass with Sintered Disk, Integral Cone

- Buchner funnel with integral cone on stem
- Integral glass sintered disc
- Variety of porosity grades to choose from
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Useful when conventional filter paper can't be used
- Autoclavable at 121°C

Code	Capacity (ml)	Cone Size	Pore Size (µm)	Pack Size
CH0466FG3	35	14/23	16-40	2
CH0466FG4	35	14/23	10-16	2
CH0466F01G3	35	19/26	16-40	2
CH0466F01G4	35	19/26	10-16	2
CH0466GG3	80	14/23	16-40	2
CH0466GG4	80	14/23	10-16	2
CH0466G01G3	80	19/26	16-40	2
CH0466G02G4	80	19/26	10-16	2
CH0466HG3	200	19/26	16-40	2
CH0466HG4	200	19/26	10-16	2
CH0466H01G3	200	24/29	16-40	2
CH0466H01G4	200	24/29	10-16	2
CH0466IG3	500	19/26	16-40	2
CH0466IG4	500	19/26	10-16	2
CH0466I01G3	500	24/29	16-40	2
CH0466I01G4	500	24/29	10-16	2
CH0466I02G3	500	29/32	16-40	2
CH0466I02G4	500	29/32	10-16	2
CH0466JG3	1000	19/26	16-40	2
CH0466JG4	1000	19/26	10-16	2
CH0466J01G3	1000	24/29	16-40	2
CH0466J01G4	1000	24/29	10-16	2
CH0466J02G3	1000	29/32	16-40	2
CH0466J02G4	1000	29/32	10-16	2



GLASS
BORO
3.3

Chemical
Resistant

Autoclavable



Over 5,000 SKUs
in Stock



Filtration Assembly - 47 mm

- This filtration assembly can be used for vacuum filtration of tissue culture media, biological fluids, HPLC and other aqueous solutions
- Set includes
 - 300 ml borosilicate glass funnel
 - Vacuum base with integral and sealed sintered disk (47 mm diameter)
 - 1 litre conical flask
 - Aluminium clamp
- The unit is designed to maximize flow and reduce foaming
- The sintered glass disk provides an effective filtration area of 9.6 cm²
- Autoclavable at 121°C

Code	Item Description
FSAS16	Filtration Assembly - 47 mm



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Spare Parts of Filtration Assembly - 47 mm

Includes	Item Description
FSAS16AA	1 Funnel - 300 ml
FSAS16BB	2 Vacuum Base with Sintered Disc- 47 mm
FSAS16CC	3 Clamp - 47 mm



Dropping Funnels - Open with PTFE Key Stopcock

- Open top dropping funnel with self lubricating PTFE key stopcock
- Open top facilitates easy addition of solutions
- Tooled rim ensures higher impact strength
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Pack Size
CH0470A	50	1
CH0470B	100	1
CH0470C	250	1
CH0470D	500	1
CH0470E	1000	1



Dropping Funnel - Open with Glass Key Stopcock

- Open top dropping funnel with glass key stopcock
- Open top facilitates easy addition of solutions
- Tooled rim ensures higher impact strength
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Capacity (ml)	Pack Size
CH0470F	50	1
CH0470G	100	1
CH0470H	250	1
CH0470I	500	1
CH0470J	1000	1



Dropping Funnels - Glass Key Stopcock, Plastic Stopper

- Dropping funnel with glass key stopcock
- Standard taper ground joint at top
- Includes polyethylene stopper
- Graduated and ungraduated versions available
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket Size	Pack Size
Ungraduated	Graduated		
CH0472A	CH0472AGR	50	19/26
CH0472B	CH0472BGR	100	19/26
CH0472C	CH0472CGR	250	29/32
CH0472D	CH0472DGR	500	29/32
CH0472E	CH0472EGR	1000	29/32



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Dropping Funnel - Needle Valve Stopcock, Plastic Stopper

- Dropping funnel with needle valve PTFE stopcock
- Standard taper ground joint at top
- Includes polyethylene stopper
- Graduated and ungraduated versions available
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code		Capacity	Socket	Pack
UnGraduated	Graduated	(ml)	Size	Size
CH0473A	CH0473AGR	50	19/26	1
CH0473B	CH0473BGR	100	19/26	1
CH0473C	CH0473CGR	250	29/32	1
CH0473D	CH0473DGR	500	29/32	1
CH0473E	CH0473EGR	1000	29/32	1

Dropping Funnel - PTFE Key Stopcock, Plastic Stopper

- Dropping funnel with self lubricating PTFE key stopcock
- Standard taper ground joint at top
- Includes polyethylene stopper
- Graduated and ungraduated versions available
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code		Capacity (ml)	Socket Size	Pack Size
UnGraduated	Graduated			
CH0474A	CH0474AGR	50	19/26	1
CH0474B	CH0474BGR	100	19/26	1
CH0474C	CH0474CGR	250	29/32	1
CH0474D	CH0474DGR	500	29/32	1
CH0474E	CH0474EGR	1000	29/32	1

Dropping Funnel - PTFE Key Stopcock, Glass Stopper - ASTM

- Dropping funnel with self lubricating PTFE key stopcock
- Standard taper ground joint at top
- Includes solid glass penny head stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Complies with ASTM E1096, Type-1 requirements
- Autoclavable at 121°C

Code	Capacity (ml)	Stopper Number	Pack Size
CH2741	125	22	1
CH2742	250	22	1
CH2743	500	27	1
CH2744	1000	27	1



Dropping Funnel - Glass Key Stopcock, Stem with Cone, Plastic Stopper

- Dropping funnel with glass key stopcock
- Standard taper ground joint at top
- Stem inside cone for easy joining to jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket/Cone Size	Pack Size
CH0469A	50	14/23	1
CH0469A01	50	19/26	1
CH0469A02	50	29/32	1
CH0469B	100	14/23	1
CH0469B01	100	19/26	1
CH0469B02	100	29/32	1
CH0469C	250	19/26	1
CH0469D	250	29/32	1
CH0469E	500	29/32	1
CH0469F	1000	29/32	1

GLASS
BORO
3.3

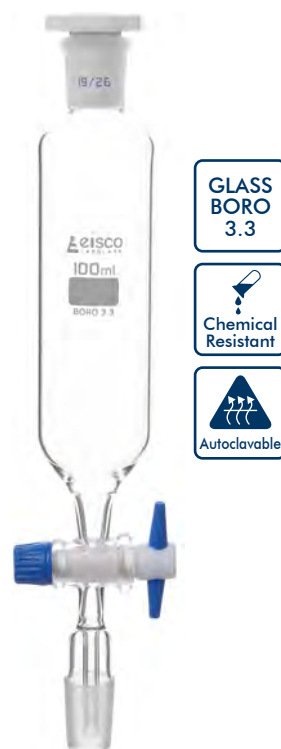
 Chemical
Resistant

Autoclavable

Dropping Funnel - PTFE Key Stopcock, Stem with Cone, Plastic Stopper

- Dropping funnel with self lubricating PTFE key stopcock
- Standard taper ground joint at top
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket/Cone Size	Pack Size
CH0469G	50	14/23	1
CH0469G01	50	19/26	1
CH0469G02	50	29/32	1
CH0469H	100	14/23	1
CH0469H01	100	19/26	1
CH0469H02	100	29/32	1
CH0469I	250	19/26	1
CH0469J	250	29/32	1
CH0469K	500	29/32	1
CH0469L	1000	29/32	1

GLASS
BORO
3.3

 Chemical
Resistant

Autoclavable



Dropping Funnel - PTFE Key Stopcock, Stem with Cone, plastic Stopper - ASTM

- Dropping funnel with self lubricating PTFE key stopcock
- Standard taper ground joint at top
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Complies with ASTM E1096, Type-1 requirements
- Autoclavable at 121°C

Code	Capacity (ml)	Stopper Number	Cone Size	Pack Size
CH2751	125	22	24/40	1
CH2752	250	22	24/40	1
CH2753	500	27	24/40	1



Dropping Funnel - Needle Valve Stopcock, Stem with Cone, Plastic Stopper

- Dropping funnel with needle valve PTFE key stopcock
- Standard taper ground joint at top
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket/Cone Size	Pack Size
CH0469M	50	14/23	1
CH0469M01	50	19/26	1
CH0469M02	50	29/32	1
CH0469N	100	14/23	1
CH0469N01	100	19/26	1
CH0469N02	100	29/32	1
CH0469O	250	19/26	1
CH0469P	250	29/32	1
CH0469Q	500	29/32	1
CH0469R	1000	29/32	1



Dropping Funnel - Pressure Equalizing with PTFE Key Stopcock and Plastic Stopper

- Pressure equalizing cylindrical dropping funnel
- Self lubricating interchangeable PTFE key stopcock
- Standard taper ground joint at top
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket/Cone Size	Pack Size
CH0471A	50	14/23	1
CH0471B	50	19/26	1
CH0471C	50	29/32	1
CH0471D	100	14/23	1
CH0471E	100	19/26	1
CH0471F	100	29/32	1
CH0471G	250	29/32	1
CH0471H	500	29/32	1



Dropping Funnel - Pressure Equalizing with Glass Key Stopcock and Plastic Stopper

- Pressure equalizing cylindrical dropping funnel with glass key stopcock
- Standard taper ground joint at top
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket/Cone Size	Pack Size
CH0471K	50	14/23	1
CH0471L	50	19/26	1
CH0471M	50	29/32	1
CH0471N	100	14/23	1
CH0471O	100	19/26	1
CH0471P	100	29/32	1
CH0471Q	250	29/32	1
CH0471R	500	29/32	1





GLASS
BORO
3.3



Squibb Separating Funnel - Glass Key Stopcock, Plastic Stopper

- Squibb separating funnel with glass key stopcock
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Graduated and ungraduated versions available
- Autoclavable at 121°C (funnel only)

Code		Capacity	Socket	Pack
UnGraduated	Graduated	(ml)	Size	Size
CH0476A50	CH0476A50GR	50	14/23	2
CH0476A	CH0476AGR	100	19/26	2
CH0476B	CH0476BGR	250	19/26	2
CH0476C	CH0476CGR	500	24/29	2
CH0476D	CH0476DGR	1000	29/32	2
CH0476E	CH0476EGR	2000	29/32	1



GLASS
BORO
3.3



Squibb Separating Funnel - Rotaflow Stopcock, Plastic Stopper

- Squibb separating funnel with needle valve PTFE stopcock
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Graduated and ungraduated versions available
- Autoclavable at 121°C (funnel only)

Code		Capacity (ml)	Socket Size	Pack Size
UnGraduated	Graduated			
CH0478A	CH0478AGR	50	14/23	2
CH0478B	CH0478BGR	100	19/26	2
CH0478C	CH0478CGR	250	19/26	2
CH0478D	CH0478DGR	500	24/29	2
CH0478E	CH0478EGR	1000	29/32	2
CH0478F	CH0478FGR	2000	29/32	1



GLASS
BORO
3.3



Squibb Separating Funnel - PTFE Key Stopcock, Plastic Stopper

- Squibb separating funnel with self lubricating PTFE key stopcock
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Graduated and ungraduated versions available
- Autoclavable at 121°C (funnel only)

Code		Capacity (ml)	Socket Size	Pack Size
UnGraduated	Graduated			
CH0479A	CH0479AGR	50	14/23	2
CH0479B	CH0479BGR	100	19/26	2
CH0479C	CH0479CGR	250	19/26	2
CH0479D	CH0479DGR	500	24/29	2
CH0479E	CH0479EGR	1000	29/32	2
CH0479F	CH0479FGR	2000	29/32	1



Squibb Separating Funnel - PTFE Key Stopcock, Glass Penny Head Stopper - ASTM

- Squibb separating funnel with self lubricating PTFE key stopcock
- Includes glass penny head stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Complies with ASTM E1096, Type-4 requirements
- Autoclavable at 121°C

Code	Capacity (ml)	Stopper Number	Pack Size
CH2761	60	16	2
CH2762	125	22	2
CH2763	250	22	2
CH2764	500	27	2
CH2765	1000	27	2



Squibb Separating Funnel - PTFE Key Stopcock, PE Stopper, Stem with Cone - ASTM

- Squibb separating funnel with self lubricating PTFE key stopcock
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Complies with ASTM E1096, Type-4 requirements
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Stopper Number	Cone Size	Pack Size
CH2771	125	22	14/20	2
CH2772	125	22	19/22	2
CH2773	125	22	24/40	2
CH2774	250	22	24/40	2
CH2775	500	27	24/40	2
CH2776	1000	27	24/40	2



Separating Funnel - Globe Shaped, Glass Key Stopcock, Plastic Stopper

- Globe shaped separating funnel with glass key stopcock
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket Size	Pack Size
CH0482A	50	14/23	2
CH0482B	100	19/26	2
CH0482C	250	19/26	2
CH0482D	500	24/29	2
CH0482E	1000	29/32	2
CH0482F	2000	29/32	1





GLASS
BORO
3.3



Separating Funnel - Globe Shaped, Rotaflow Stopcock, Plastic Stopper

- Globe shaped separating funnel with needle valve PTFE stopcock
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket Size	Pack Size
CH0484A	50	14/23	2
CH0484B	100	19/26	2
CH0484C	250	19/26	2
CH0484D	500	24/29	2
CH0484E	1000	29/32	2
CH0484F	2000	29/32	1



GLASS
BORO
3.3



Separating Funnel - Globe Shaped, PTFE Key Stopcock, Plastic Stopper

- Globe shaped separating funnel with self lubricating PTFE key stopcock
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket Size	Pack Size
CH0485A	50	14/23	2
CH0485B	100	19/26	2
CH0485C	250	19/26	2
CH0485D	500	24/29	2
CH0485E	1000	29/32	2
CH0485F	2000	29/32	1



GLASS
BORO
3.3



Separating Funnel - Globe Shaped, PTFE Key Stopcock, Plastic Stopper, Stem with Cone

- Globe shaped separating funnel with self lubricating PTFE key stopcock
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket/Cone Size	Pack Size
CH0481A	50	14/23	2
CH0481B	50	19/26	2
CH0481C	100	19/26	2
CH0481D	250	19/26	2
CH0481E	250	29/32	2
CH0481F	500	29/32	2
CH0481G	1000	29/32	2



Separating Funnel - Globe Shaped, Glass Key Stopcock, Plastic Stopper, Stem with Cone

- Globe shaped separating funnel with glass key stopcock
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket Size	Pack Size
CH0481H	50	14/23	2
CH0481I	50	19/26	2
CH0481J	100	19/26	2
CH0481K	250	19/26	2
CH0481L	250	29/32	2
CH0481M	500	29/32	2
CH0481N	1000	29/32	2



Pressure Equalizing Separating Funnel - Globe Shaped, PTFE Key Stopcock, Plastic Stopper

- Globe shaped separating funnel with pressure equalizing tube
- Self lubricating PTFE key stopcock
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket/Cone Size	Pack Size
CH0483A	50	14/23	1
CH0483B	100	14/23	1
CH0483C	100	19/26	1
CH0483D	250	19/26	1
CH0483E	250	29/32	1
CH0483F	500	29/32	1
CH0483G	1000	29/32	1



Pressure Equalizing Separating Funnel - Globe Shaped, Glass Key Stopcock, Plastic Stopper

- Globe shaped separating funnel with pressure equalizing tube
- Glass key stopcock
- Integrated cone around stem for use with jointed assemblies
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket/Cone Size	Pack Size
CH0483J	50	14/23	1
CH0483K	100	14/23	1
CH0483L	100	19/26	1
CH0483M	250	19/26	1
CH0483N	250	29/32	1
CH0483O	500	29/32	1
CH0483P	1000	29/32	1



GLASS
BORO
3.3**Gilson Separating Funnel - Glass Key Stopcock, Plastic Stopper**

- Gilson separating funnel with glass key stopcock
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket Size	Pack Size
CH0487A	50	14/23	1
CH0487B	100	19/26	1
CH0487C	250	29/32	1
CH0487D	500	29/32	1
CH0487E	1000	29/32	1

Ask us about OEM and
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GLASS
BORO
3.3**Gilson Separating Funnel - PTFE Key Stopcock, Plastic Stopper**

- Gilson separating funnel with self lubricating PTFE key stopcock
- Includes polyethylene stopper
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C (funnel only)

Code	Capacity (ml)	Socket Size	Pack Size
CH0487G	50	14/23	1
CH0487H	100	19/26	1
CH0487I	250	29/32	1
CH0487J	500	29/32	1
CH0487K	1000	29/32	1



Liebig Condensers 1

- Liebig condenser with sealed inner tube
- Suitable for distillation and reflux applications
- Tooled adapter end for uniform stopper fit
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Length of Jacket (cm)	Total Length (cm)	Pack Size
CH0301A	30	48	1
CH0301B	40	59	1
CH0301C	50	70	1
CH0301D	20	35	1

Liebig Condensers - Jointed

- Liebig condenser with sealed inner tube
- Standard taper joint at top
- Standard taper drip joint at bottom
- Suitable for distillation and reflux applications
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Glass Connectors	Plastic Connectors 2	Socket/Cone Size	Effective Length (cm)	Pack Size
CH0304AN	CH0304ANPST	14/23	16	1
CH0304BN	CH0304BNPST	19/26	16	1
CH0304CN	CH0304CNPST	19/26	25	1
CH0304DN	CH0304DNPST	24/29	25	1
CH0304EN	CH0304ENPST	19/26	30	1
CH0304FN	CH0304FNPST	24/29	30	1
CH0304GN	CH0304GNPST	29/32	30	1
CH0304HN	CH0304HNPST	24/29	40	1
CH0304IN	CH0304INPST	29/32	40	1

Liebig Condensers - Jointed ASTM 3

- Liebig condenser with sealed inner tube
- Standard taper joint at top
- Standard taper drip joint at bottom
- Suitable for distillation and reflux applications
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Glass Connectors	Socket/Cone Size	Effective Length (cm)	Total Length (cm)	Pack Size
CH2801	14/20	12	27	1
CH2802	19/22	20	32	1
CH2803	24/40	20	35	1
CH2804	24/40	30	45	1
CH2805	24/40	40	55	1
CH2806	24/40	50	65	1





GLASS
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3.3



1



GLASS
BORO
3.3



ASTM



2

GLASS
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3.3



3

Allihn Bulb Condensers 1

- Allihn bulb condenser with standard taper joints
- Larger cooling surface compared to liebig condenser
- Suitable for use in vacuum distillation
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Side tubulation is approximately 10mm
- Autoclavable at 121°C

Glass Connectors	Plastic Connectors	Socket/Cone Size	Effective Length (cm)	Pack Size
CH0306AN	CH0306ANPST	14/23	16	1
CH0306BN	CH0306BNPST	19/26	16	1
CH0306CN	CH0306CNPST	14/23	25	1
CH0306DN	CH0306DNPST	19/26	25	1
CH0306EN	CH0306ENPST	24/29	25	1
CH0306FN	CH0306FNPST	24/29	30	1
CH0306GN	CH0306GNPST	29/32	30	1
CH0306HN	CH0306HNPST	24/29	40	1
CH0306IN	CH0306INPST	29/32	40	1
CH0306IN01	CH0306IN01PST	19/26	30	1

Allihn Bulb Condensers - ASTM 2

- Allihn bulb condenser with standard taper joints
- Larger cooling surface as compared to liebig condenser
- Suitable for use in vacuum distillation
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Glass Connectors	Socket/Cone Size	Effective Length (cm)	Total Length (cm)	Pack Size
CH2811	24/40	20	35	1
CH2812	24/40	30	45	1
CH2813	24/40	40	55	1
CH2814	24/40	50	65	1

Dimroth Condenser 3

- Dimroth condenser with standard taper joints
- More efficient than regular coil condensers
- Side tubulation is approximately 10mm
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

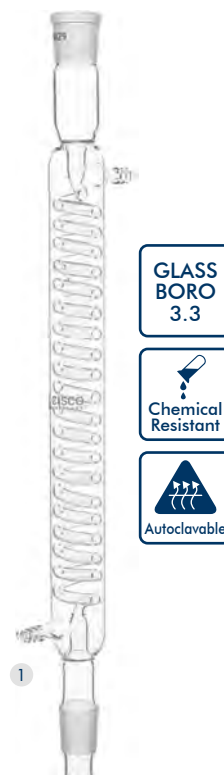
Glass Connectors	Plastic Connectors	Socket/Cone Size	Effective Length (cm)	Pack Size
CH0307A	CH0307APST	14/23	16	1
CH0307B	CH0307BPST	19/26	25	1
CH0307C	CH0307CPST	19/26	30	1
CH0307D	CH0307DPST	24/29	30	1
CH0307E	CH0307EPST	29/32	30	1



Graham Condenser - Coiled Distillate 1

- Graham condenser with standard taper joints
- Larger surface area facilitates more efficient cooling
- Side tubulation is approximately 10mm
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Glass Connectors	Plastic Connectors	Socket/Cone Size	Effective Length (cm)	Pack Size
CH0308AN	CH0308ANPST	14/23	16	1
CH0308BN	CH0308BNPST	19/26	16	1
CH0308DN	CH0308DNPST	19/26	25	1
CH0308EN	CH0308ENPST	24/29	25	1
CH0308GN	CH0308GNPST	24/29	30	1
CH0308HN	CH0308HNPST	29/32	30	1
CH0308IN	CH0308INPST	29/32	40	1
CH0308JN	CH0308JNPST	24/29	40	1



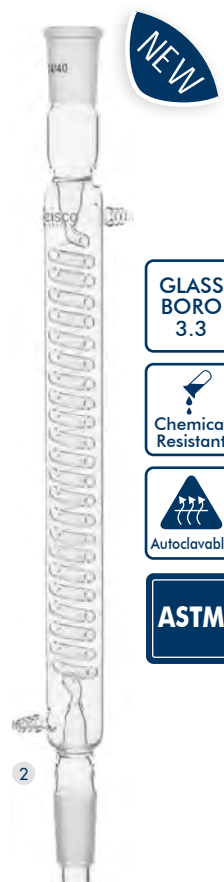
GLASS
BORO
3.3



Graham Coil Condenser - ASTM 2

- Graham condenser with standard taper joints
- Larger surface area facilitates more efficient cooling
- Side tubulation is approximately 10mm
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Mechanically strong with low temperature gradient
- Autoclavable at 121°C

Code	Socket/Cone Size	Effective Length (cm)	Total Length (cm)	Pack Size
CH2821	24/40	20	35	1
CH2822	24/40	30	45	1
CH2823	24/40	40	55	1
CH2824	24/40	50	65	1



GLASS
BORO
3.3



ASTM

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

DIN
12257

Expansion Adapters

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Complies with DIN 12257 standard
- Useful for the connection of dissimilarly sized standard ground joints
- Standard taper outer joint at the top
- Smaller standard taper inner joint at the bottom
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH0820A	19/26	14/23	10
CH0820B	24/29	14/23	10
CH0820C	24/29	19/26	10
CH0820D	29/32	19/26	10
CH0820E	29/32	24/29	10
CH0820F	34/35	19/26	10
CH0820G	34/35	24/29	10
CH0820H	34/35	29/32	10
CH0820I	40/38	24/29	10

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

DIN
12257

ASTM



Expansion Adapters - ASTM

- Useful for the connection of dissimilarly sized standard ground joints
- Standard taper outer joint at the top
- Smaller standard taper inner joint at the bottom
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH2901	19/22	14/20	10
CH2902	24/40	14/20	10
CH2903	24/40	19/22	10
CH2904	29/42	24/40	10
CH2905	34/45	24/40	10
CH2906	45/40	24/40	10

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

DIN
12257

Reduction Adapters

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Complies with DIN 12257 standard
- Useful for the connection of dissimilarly sized standard ground joints
- Standard taper outer joint at the top
- Larger standard taper inner joint at the bottom
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH0821A	14/23	19/26	10
CH0821B	14/23	24/29	10
CH0821C	19/26	24/29	10
CH0821D	19/26	29/32	10
CH0821E	19/26	40/38	10
CH0821F	24/29	29/32	10
CH0821G	24/29	34/35	10
CH0821H	24/29	40/38	10
CH0821I	29/32	45/40	10



Reduction Adapters - ASTM

- Useful for the connection of dissimilarly sized standard ground joints
- Standard taper outer joint at the top
- Larger standard taper inner joint at the bottom
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH2911	14/20	19/22	10
CH2912	14/20	24/40	10
CH2913	19/22	24/40	10
CH2914	24/40	29/42	10
CH2915	24/40	45/50	10

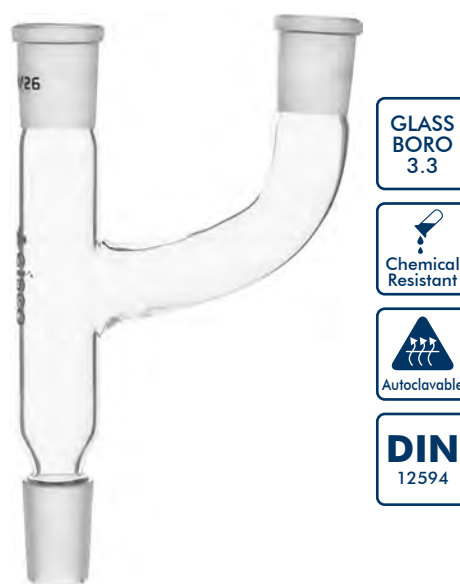


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Multiple Adapters - Two Neck, Parallel

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Complies with DIN 12594 standard
- Two parallel standard taper outer joints at the top
- Standard taper inner joint at the bottom
- Ideal for use in distillation assemblies
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH0822A	14/23	14/23	1
CH0822B	19/26	19/26	1
CH0822C	19/26	24/29	1
CH0822D	24/29	24/29	1
CH0822E	19/26	34/35	1
CH0822F	29/32	29/32	1





Multiple Adapters - Two Neck, Parallel, ASTM

- Two parallel standard taper outer joints at the top
- Standard taper inner joint at the bottom
- Ideal for use in distillation assemblies
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Autoclavable at 121°C

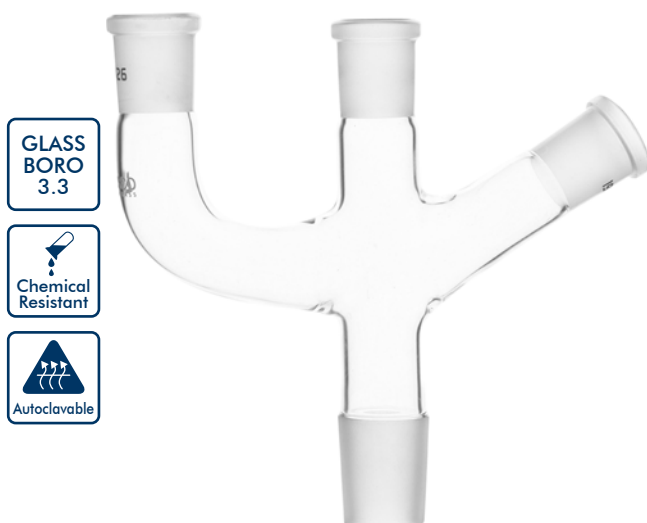
Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH2921	14/20	14/20	1
CH2922	19/22	19/22	1
CH2923	24/40	24/40	1



Multiple Adapters - Two Neck, Angled

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Two angled (45 deg) standard taper outer joints at the top
- Standard taper inner joint at the bottom
- Ideal for use in distillation assemblies
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH0824A	19/26	19/26	1
CH0824B	19/26	24/29	1
CH0824C	19/26	34/35	1



Multiple Adapters - Three Neck

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Two parallel and one angled standard taper outer joints at the top
- Standard taper inner joint at the bottom
- Ideal for use in distillation assemblies
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH0826A	19/26	24/29	1
CH0826B	19/26	29/32	1
CH0826C	19/26	34/35	1
CH0826D	19/26	45/40	1



Receiver Delivery Adapters

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Long and short stem varieties available
- Standard taper outer joint at one end
- Useful for feeding distillate from condenser into receiving vessel
- Autoclavable at 121°C

Code ①	Socket Size	Length (mm)	Pack Size
Short Stem			
CH0830A	14/23	65	10
CH0830B	19/26	65	10
CH0830C	24/29	65	10
CH0830D	29/32	65	5

Code ②	Socket Size	Length (mm)	Pack Size
Long Stem			
CH0830E	10/19	120	10
CH0830F	14/23	190	10
CH0830G	19/26	200	10
CH0830H	24/29	200	5
CH0830I	29/32	200	5



Receiver Delivery Adapters, ASTM

- Delivery adapter with plain stem
- Standard taper outer joint at one end
- Useful for feeding distillate from condenser into receiving vessel
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Autoclavable at 121°C

Code	Socket Size	Length (mm)	Pack Size
Short Stem			
CH2931	14/20	65	10
CH2932	19/22	65	10
CH2933	24/40	100	5
CH2934	29/42	100	5



Bend Receiver Adapters with Vent

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Standard taper outer joint at one end
- Standard taper inner joint at other end
- Side vent for allowing gases to escape to atmosphere
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Pack Size
CH0834A	14/23	14/23	1
CH0834B	19/26	19/26	1
CH0834C	19/26	24/29	1
CH0834D	24/29	24/29	1
CH0834E	29/32	29/32	1



GLASS
BORO
3.3Chemical
Resistant

Autoclavable

**Cone/Screw Thread Adapters - Straight**

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Screw thread joint at top with plastic adapter
- Standard taper inner joint at bottom
- Ideal for securing thermometer and gas inlet tube in jointed assemblies
- Autoclavable at 121°C

Code	Cone Size	Pack Size
CH0835A	14/23	10
CH0835B	19/26	10
CH0835C	24/29	10
CH0835D	29/32	10

**Cone/Screw Thread Adapters - Straight, ASTM**

- Screw thread joint at top with plastic adapter
- Standard taper inner joint at bottom
- Ideal for securing thermometer and gas inlet tube in jointed assemblies
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Autoclavable at 121°C

Code	Cone Size	Pack Size
CH2941	14/20	10
CH2942	19/22	10
CH2943	24/40	10

**Receiver Adapters - Bend with Vacuum**

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Standard taper outer joint at one end
- Standard taper inner joint at other end
- Side arm for connection to a vacuum pump
- Autoclavable at 121°C

Code	Socket Size ①	Cone Size ②	Pack Size
CH0836A	14/23	14/23	1
CH0836B	19/26	19/26	1
CH0836C	19/26	24/29	1
CH0836D	24/29	24/29	1
CH0836E	24/29	29/32	1
CH0836F	29/32	29/32	1



Receiver Adapters - Bend with Vacuum, ASTM

- Standard taper outer joint at one end
- Standard taper inner joint at other end
- Side arm for connection to a vacuum pump
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Autoclavable at 121°C

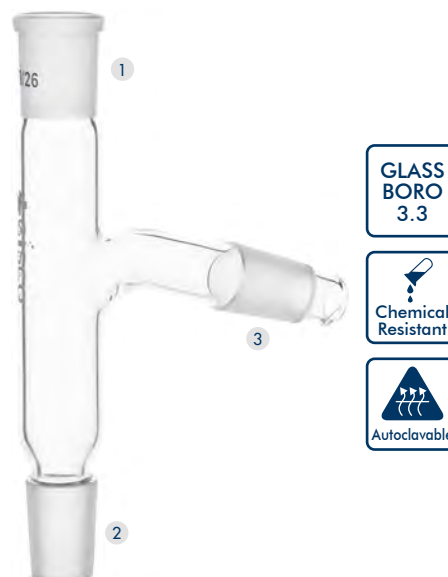
Code	Socket Size ①	Cone Size ②	Pack Size
CH2951	14/20	14/20	1
CH2952	19/22	19/22	1
CH2953	24/40	24/40	1



Still Heads - Plain with Thermometer Socket

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Standard taper outer joint 14/23 at top to accept screw thread adapter or thermometer pocket
- Standard taper inner joint at bottom for connection to a flask
- Standard taper inner joint at side for connection to a condenser
- Autoclavable at 121°C

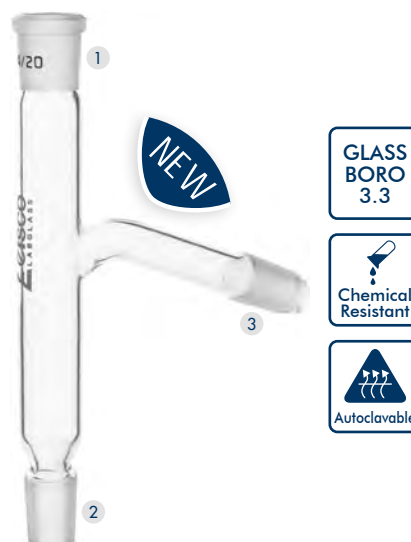
Code	Socket Size ①	Cone Size ② to fit Flask	Cone Size ③ to fit Condenser	Pack Size
CH0848A	14/23	14/23	14/23	1
CH0848B	14/23	19/26	19/26	1
CH0848C	14/23	24/29	19/26	1
CH0848D	14/23	29/32	19/26	1
CH0848E	14/23	34/35	19/26	1
CH0848F	14/23	24/29	24/29	1
CH0848G	14/23	34/35	24/29	1
CH0848H	14/23	34/35	34/35	1



Still Heads - Plain with Thermometer Socket - ASTM

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Standard taper outer joint 14/23 at top to accept screw thread adapter or thermometer pocket
- Standard taper inner joint at bottom for connection to a flask
- Standard taper inner joint at side for connection to a condenser
- Autoclavable at 121°C

Code	Socket Size ①	Cone Size ② to fit Flask	Cone Size ③ to fit Condenser	Pack Size
CH2961	14/20	14/20	14/20	1
CH2962	19/22	19/22	19/22	1
CH2963	24/40	24/40	24/40	1





Splash Head Adapters - Pear Shape, Straight

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Standard taper outer joint at top
- Standard taper inner joint at bottom
- Prevent carry over of raw liquid from flask to condenser
- Autoclavable at 121°C

Code	Socket Size ①	Cone Size ②	Pack Size
CH0852A	14/23	14/23	1
CH0852B	19/26	24/29	1
CH0852C	24/29	29/32	1



Splash Head Adapters - Pear Shape, Vertical

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Standard taper inner joints
- Useful in distillation assemblies in which condenser is to be used in vertical mode
- Prevent carry over of raw liquid from flask to condenser
- Autoclavable at 121°C

Code	Cone Size ① to fit Flask	Cone Size ② to fit Condenser	Pack Size
CH0854A	19/26	19/26	1
CH0854B	24/29	19/26	1
CH0854C	24/29	24/29	1
CH0854D	29/32	29/32	1



Splash Head Adapters - Pear Shape, Sloping

- Made of high quality, chemical resistant borosilicate 3.3 glass
- Standard taper inner joints
- Useful in distillation assemblies to prevent carry over of raw liquid from flask to condenser
- Autoclavable at 121°C

Code	Cone Size ① to fit Flask	Cone Size ② to fit Condenser	Pack Size
CH0856A	19/26	19/26	1
CH0856B	24/29	19/26	1
CH0856C	24/29	24/29	1
CH0856D	29/32	29/32	1



Plastic Stoppers - Polyethylene

- For use with a variety of flasks, graduated measuring cylinders and droppers

Code	Stopper Size	Pack Size
CH0873A	10/19	10
CH0873B	12/21	10
CH0873C	14/23	10
CH0873D	19/26	10
CH0873E	24/29	10
CH0873F	29/32	5



Plastic Stoppers - Polyethylene, ASTM

- For use with a variety of flasks, graduated measuring cylinders, and droppers

Code	Stopper Number	Pack Size
CH0873J	8	10
CH0873K	9	10
CH0873L	13	10
CH0873M	16	10
CH0873N	19	10
CH0873O	22	10
CH0873P	27	10
CH0873Q	32	5



Joint Clips

- Chemical and temperature resistant plastic clips for use with jointed glassware reduces the need for clamping
- Clips are color coded by joint size for easy identification
- Recommended maximum temperature 80°C

Code	Joint Size	Color
CH0869A	10/19	Mint
CH0869B	14/23	Yellow
CH0869C	19/26	Blue
CH0869D	24/29	Green
CH0869E	29/32	Red
CH0869F	34/35	Orange



Stoppers - Penny Head

- Solid penny head stopper with flat end
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C

Code	Cone Size	Pack Size
CH0870A	10/19	10
CH0870B	14/23	10
CH0870C	19/26	10
CH0870D	24/29	10
CH0870E	29/32	10





GLASS
BORO
3.3



ASTM



Stoppers - Penny Head, ASTM

- Solid penny head stopper with flat end
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Autoclavable at 121°C

Code	Stopper Number	Pack Size
CH0870G	9	10
CH0870H	13	10
CH0870I	16	10
CH0870J	19	10
CH0870K	22	10
CH0870L	27	10

GLASS
BORO
3.3



Stoppers - Flat Head

- Solid flat head stopper with flat end
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C

Code	Cone Size	Pack Size
CH0872A	10/19	10
CH0872B	14/23	10
CH0872C	19/26	10
CH0872D	24/29	10
CH0872E	29/32	10

GLASS
BORO
3.3



Stoppers - Hexagonal

- Hollow hexagonal stopper with round end
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C

Code	Cone Size	Pack Size
CH0872F	10/19	10
CH0872G	12/21	10
CH0872H	14/23	10
CH0872I	19/26	10
CH0872J	24/29	10
CH0872K	29/32	10

GLASS
BORO
3.3



Stoppers - Glass Hollow Drip Tip

- Glass hollow hexagonal stopper drip tip
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C

Code	Cone Size	Pack Size
CH0872N	10/19	10
CH0872O	12/21	10
CH0872P	14/23	10
CH0872Q	19/26	10
CH0872R	24/29	10
CH0872S	29/32	10
CH0872T	34/35	10



Kipp's Gas Generator

- Rapid and effective means of producing controllable amounts of common gases
- Comprised of three separate pieces
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C

Code	Capacity (ml)	Pack Size
CH0516A	250	1
CH0516B	500	1
CH0516C	1000	1



Custom Packaging for Glass Products to ensure safe transit



GLASS
BORO
3.3



Gas Preparation Kit

This kit contains all the essential glassware needed for production of gases in a laboratory including Ammonia, Bromine, Carbon Dioxide, Carbon Monoxide, Chlorine, Hydrogen, Hydrogen Bromide, Hydrogen Iodide, Hydrogen Chloride, Hydrogen Sulphide, Hydrogen Peroxide, Nitric Oxide, Nitrogen, Nitrogen Dioxide, Nitrous Oxide, Oxygen, Sulphur Dioxide, Sulphur Trioxide etc. Complete kit is packaged in 2 Grattnels® trays with lids, individual glassware pieces are secured in die-cut foam.

Includes:

Recovery bend 24/29

Adjustable wash bottle head 24/29

Test tube 24/19

Dropping funnel 50 cm³

Test tube with side arm

Delivery adapter 24/29

Dropping funnel plug 10/19

Beehive shelf 75 mm dia. 24/29

5X Glass tube 7 mm O.D.

2X Gas jar 200 x 50 mm

Bend tube

'T' adapter

Combustion tube

Gas mixing tube

2x Cone/screw cap adapter

2x Gas cover jars 75 mm dia

Dreshel bottle 125 cm³ 24/29

Flask 150 Cm³ 24/29

Plastic trough

Instruction manual



Code	Item Name
CH0889	Gas Preparation Kit



GLASS
BORO
3.3



GLASS
BORO
3.3



GLASS
BORO
3.3



Soxhlet Extraction Apparatus

- Includes soxhlet extractor bulb, condenser
- Flask with interchangeable standard joints
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Flask Size (ml)	Pack Size
CH0888A	60	150	1
CH0888B	100	250	1
CH0888C	200	500	1
CH0888D	400	1000	1
CH0888E	600	2000	1
CH0888F	1000	3000	1
CH0888G	2000	5000	1

Condenser for Soxhlet Apparatus

- Spare condensers to use with soxhlet extraction apparatus
- Made of borosilicate 3.3 glass
- Various cone sizes available
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Cone Size	Pack Size
CH0888Q	60	34/35	1
CH0888R	100	40/38	1
CH0888S	200	50/42	1
CH0888T	400	50/42	1
CH0888U	600	50/42	1
CH0888V	1000	55/44	1
CH0888W	2000	55/44	1

Extractors for Soxhlet Apparatus

- For use with soxhlet apparatus
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Socket Size	Cone Size	Pack Size
CH0888H	60	34/35	24/29	1
CH0888I	100	40/38	24/29	1
CH0888J	200	50/42	24/29	1
CH0888K	400	50/42	24/29	1
CH0888L	600	50/42	24/29	1
CH0888M	1000	55/44	34/35	1
CH0888N	2000	55/44	34/35	1



Test Tubes - Light Wall with Rim

- Light walled test tubes with rim
- Made of high quality 3.3 borosilicate glass
- Mechanically strong and superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	O.D. x Length (mm)	Wall Thickness (mm)	Pack Size
CH0718AA	3	10 x 75	1.0	48
CH0718APK48	5	12 x 75	1.0	48
CH0718BPK48	7	12 x 100	1.0	48
CH0718CPK48	12	16 x 100	1.2	48
CH0718D01PK48	15	15 x 130	1.2	48
CH0718EPK48	20	16 x 150	1.2	48
CH0718FPK24	25	18 x 150	1.2	24
CH0718F01PK24	30	20 x 150	1.2	24
CH0718GPK24	50	24 x 150	1.2	24
CH0718H	85	25 x 250	1.2	24



Test Tubes - Rimless

- Test tubes with fire polished ends for use with plugs and easy rack stacking
- Made of high quality 3.3 borosilicate glass
- Mechanically strong and superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	O.D. x Length (mm)	Wall Thickness (mm)	Pack Size
CH0718K	5	12 x 75	1.0	48
CH0718L	7	12 x 100	1.0	48
CH0718M	12	16 x 100	1.2	48
CH0718N	15	16 x 125	1.2	48
CH0718O	20	16 x 150	1.2	48
CH0718P	25	18 x 150	1.2	24
CH0718Q	50	24 x 150	1.2	24



Test Tubes - Heavy Wall with Rim

- Heavy walled test tubes with rim
- Made of high quality 3.3 borosilicate glass
- Mechanically strong and superior chemical durability
- Autoclavable at 121°C

Code	Capacity (ml)	O.D. x Length (mm)	Wall Thickness (mm)	Pack Size
CH0719A	5	12 x 75	1.5	48
CH0719B	7	12 x 100	1.5	48
CH0719C	12	16 x 125	1.8	48
CH0719D	18	16 x 150	1.8	48
CH0719E	22	18 x 150	1.8	48
CH0719F	45	24 x 150	1.8	24



**Test Tubes - Round Bottom with Screw Cap**

- Test tubes with round bottom
- Bakelite cap with rubber liner
- Tube made of high quality 3.3 borosilicate glass
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	O.D. x Length (mm)	Pack Size
CH0724A01PK24	5	12 x 100	24
CH0724APK24	6	16 x 75	24
CH0724B01PK24	10	16 x 100	24
CH0724BPK24	15	16 x 125	24
CH0724CPK24	20	16 x 150	24
CH0724DPK24	25	18 x 150	24
CH0724EPK12	30	25 x 100	12
CH0724FPK12	50	25 x 150	12

**Test Tubes - Round Bottom with Screw Cap, Fully Autoclavable**

- Test tubes screw cap with round bottom
- PP caps with PTFE liner
- Test Tubes made of high quality 3.3 borosilicate glass
- Mechanically strong and highly chemical resistant
- Fully autoclavable at 121°C

Code	Capacity (ml)	O.D. x Length (mm)	Pack Size
CH3151	5	12 x 100	24
CH3152	6	16 x 75	24
CH3153	10	16 x 100	24
CH3154	15	16 x 125	24
CH3155	20	16 x 150	24
CH3156	25	18 x 150	24
CH3157	30	25 x 100	12
CH3158	50	25 x 150	12

**Test Tubes - Round Bottom, Amber with screw cap - Fully Autoclavable**

- Test tubes screw cap with round bottom
- PP caps with PTFE liner
- Test Tubes made of high quality 3.3 borosilicate glass having 5.4 expansion (1st hydrolytic glass)
- Mechanically strong and highly chemical resistant
- Suitable for use with light sensitive material
- Fully autoclavable at 121°C

Code	Capacity (ml)	O.D. x Length (mm)	Pack Size
CH3161	5	12 x 100	24
CH3162	6	16 x 75	24
CH3163	10	16 x 100	24
CH3164	15	16 x 125	24
CH3165	20	16 x 150	24
CH3166	25	18 x 150	24
CH3167	30	25 x 100	12
CH3168	50	25 x 150	12



Test Tubes - Disposable Screw Thread

- Tubes are suitable for tissue culture work and general bacteriological use
- Made from borosilicate glass having expansion 5.1 (1st Hydrolytic Glass), chemically highly resistant
- Trays are shrink wrapped to preserve cleanliness
- Supplied without caps
- Autoclavable at 121°C (glass only)

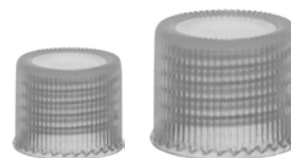
Code	Capacity (ml)	O.D. x Length (mm)	Pack Size
CH0725A	8	13 x 100	250
CH0725B	12	16 x 100	250
CH0725C	16	16 x 125	250
CH0725D	20	16 x 150	250
CH0725E	25	20 x 125	250
CH0725F	30	20 x 150	250
CH0725G	60	20 x 200	250



Test Tubes - Caps for Disposable Screw Thread

- White polypropylene caps, linerless

Code	Specs
CH0725H	Linerless Caps 13-415 G.P.I. suitable for CH0725A
CH0725I	Linerless Caps 15-415 G.P.I. suitable for CH0725B, C & D
CH0725J	Linerless Caps 15-415 G.P.I. suitable for CH0725E, F & G



Vials - EPA / TOC / VOA

- Glass that meets ASTM Type-1, class-A and USP Type-1 standards
- Caps and seals manufactured from high purity polypropylene with silicone/PTFE injection septa
- Vials, caps and septa pre-assembled to reduce possible contamination
- Coefficient of linear expansion clear glass $51 \times 10^{-7}/^{\circ}\text{C}$ & amber glass $54 \times 10^{-7}/^{\circ}\text{C}$.
- Trays are shrink wrapped to preserve cleanliness

Code	Type	Capacity (ml)	O.D. x Length (mm)	Pack Size
CH0725K	Clear	20	28 x 57	100
CH0725L	Clear	40	28 x 95	100
CH0725M	Amber	20	28 x 57	100
CH0725N	Amber	40	28 x 95	100



Vials - Scintillation

- Glass that meets ASTM Type-1, class-A and USP Type-1 standards
- Designed for laboratory scintillation counting process
- Vials and caps pre-assembled to reduce possible contamination
- Coefficient of linear expansion clear glass $51 \times 10^{-7}/^{\circ}\text{C}$ & amber glass $54 \times 10^{-7}/^{\circ}\text{C}$.
- Trays are shrink wrapped to preserve cleanliness

Code	Type	Capacity (ml)	O.D. x Length (mm)	Pack Size
CH0725P	Clear	20	28 x 60	100
CH0725Q	Amber	20	28 x 60	100



GLASS
BORO
3.3Chemical
Resistant

Autoclavable

ISO
1773**Flasks - Boiling, Round Bottom with Screw Thread Neck**

- Round bottom boiling flask with screw thread standard ground joint
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Complies with DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Socket Size	Pack Size
CH01002A	50	14/23	12
CH01002B	50	19/26	12
CH01002C	100	14/23	12
CH01002D	100	19/26	12
CH01002E	100	24/29	12
CH01002F	250	19/26	12
CH01002G	250	24/29	12
CH01002H	500	19/26	6
CH01002I	500	24/29	6
CH01002J	1000	24/29	6

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

ISO
4796-2**Flasks - Boiling, Flat Bottom with Screw Thread Neck**

- Flat bottom boiling flask with screw thread standard ground joint
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform thick wall design ideal for heating
- Complies with DIN ISO 1773 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Socket Size	Pack Size
CH01004A	50	14/23	12
CH01004B	50	19/26	12
CH01004C	100	14/23	12
CH01004D	100	19/26	12
CH01004E	100	24/29	12
CH01004F	250	19/26	12
CH01004G	250	24/29	12
CH01004H	500	19/26	6
CH01004I	500	24/29	6
CH01004J	1000	24/29	6



Flasks - Conical, Erlenmeyer with Screw Thread Neck

- Conical Erlenmeyer flask with screw thread standard ground joint
- Made from high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Easy to read white enamel graduation
- As per ISO 4797 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Socket Size	Pack Size
CH01006A	50	14/23	12
CH01006B	50	19/26	12
CH01006C	100	14/23	12
CH01006D	100	19/26	12
CH01006E	100	24/29	12
CH01006F	250	19/26	12
CH01006G	250	24/29	12
CH01006H	500	19/26	6
CH01006I	500	24/29	6
CH01006J	1000	24/29	6

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

ISO
4797

Distillation Flasks - Round Bottom, Oblique Neck with Screw Thread

- Round bottom distilling flask with screw thread standard ground joint
- Vertical center neck and angled side neck
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- As per DIN 12394 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Socket Size	Pack Size
CH01008A	100	14/23	1
CH01008B	100	19/26	1
CH01008C	250	19/26	1
CH01008D	250	24/29	1
CH01008E	500	24/29	1
CH01008F	1000	24/29	1

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

DIN
13132

Distillation Flasks - Round Bottom, Two Oblique Necks with Screw Thread

- Round bottom distilling flask with screw thread standard ground joint
- Vertical center neck and two angled side necks
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Uniform wall thickness ideal for heating
- As per DIN 12394 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Socket Size	Pack Size
CH01010A	100	14/23	1
CH01010B	100	19/26	1
CH01010C	250	19/26	1
CH01010D	250	24/29	1
CH01010E	500	19/26	1
CH01010F	500	24/29	1

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

DIN
13132

GLASS
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Liebig Condensers - Screw Thread

- Liebig condenser with screw thread joint
- Made of borosilicate 3.3 glass exclusive of bottom screw thread
- Tubing connector for CH01012D is 12 mm, for all other sizes 8 mm
- Autoclavable at 121°C

Code	Socket Size (Top)	Cone Size (Bottom)	Effective Length (mm)	Pack Size
CH01012A	14/23	14/23	200	1
CH01012B	19/26	19/26	200	1
CH01012C	19/26	19/26	300	1
CH01012D	24/29	24/29	300	1

Bulb Condensers - Screw Thread

- Bulb condenser with screw thread bottom joint
- Made of borosilicate 3.3 glass exclusive of screw thread
- Tubing connector for CH01012D is 12 mm, for all other sizes 8 mm
- Autoclavable at 121°C

Code	Socket Size	Cone Size	Effective Length (mm)	Pack Size
CH01014A	14/23	14/23	200	1
CH01014B	19/26	19/26	200	1
CH01014C	19/26	19/26	300	1
CH01014D	24/29	24/29	300	1

Vigrex Columns - Screw Thread

- Vigrex column with screw thread joints
- Made of borosilicate 3.3 glass exclusive of bottom screw thread
- Autoclavable at 121°C

Code	Socket Size	Cone Size	Effective Length (mm)	Pack Size
CH01016A	14/23	14/23	100	1
CH01016B	19/26	19/26	150	1
CH01016C	24/29	24/29	200	1



Receiver Adapters - Screw Thread

- Receiver adapter with screw thread joint
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C

Code	Length (mm)	Socket Size	Pack Size
CH01018A	100	14/23	1
CH01018B	100	19/26	1
CH01018C	100	24/29	1

Receiver Adapters with Vacuum Connection - Screw Thread

- Receiver adapter with vacuum connection and screw thread joints
- Made of borosilicate 3.3 glass, exclusive of bottom joint screw thread
- Autoclavable at 121°C

Code	Cone Size	Socket Size	Pack Size
CH01020A	14/23	14/23	1
CH01020B	19/26	19/26	1
CH01020C	24/29	24/29	1

Still Heads - Screw Thread

- Still head with screw thread joints and thermometer socket that accepts 6 - 7 mm dia. thermometers
- Made of borosilicate 3.3 glass exclusive of screw threads
- Autoclavable at 121°C

Code	Cone Size	Pack Size
CH01022A	14/23	1
CH01022B	19/26	1
CH01022C	24/29	1

Dropping Funnels - Screw Thread

- Ungraduated cylindrical dropping funnel with open top, PTFE key stopcock
- Screw thread joint
- Made of borosilicate 3.3 glass exclusive of stop cock and bottom screw thread
- Autoclavable at 121°C

Code	Capacity (ml)	Joint Size	Pack Size
CH01024A	50	14/23	1
CH01024B	50	19/26	1
CH01024C	50	24/29	1
CH01024D	100	19/26	1
CH01024E	100	24/29	1

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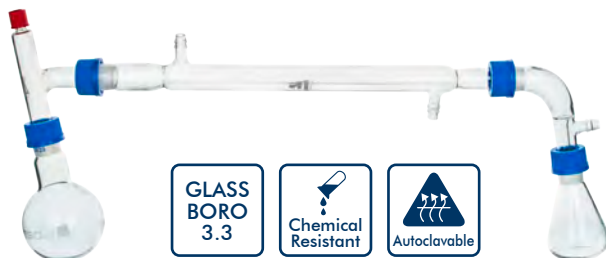
Simple Distillation Apparatus - Secure Joint

4 piece simple distillation apparatus with size 24/29 screw thread joints, made of borosilicate 3.3 glass exclusive of screw threads. Autoclavable at 121°C

Kit Includes:

- Round bottom flask - 250 ml
- Still head
- Liebig condenser
- Receiver adapter

Code	Item Name
CH1026	Simple Distillation Apparatus - Secure Joint

GLASS
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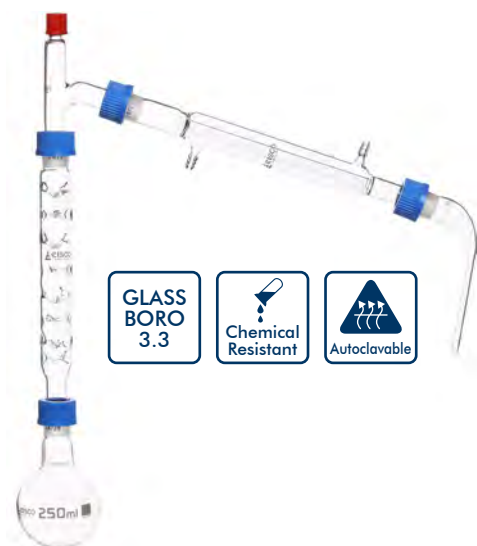
Simple Vacuum Distillation Apparatus - Secure Joint

5 piece simple vacuum distillation apparatus with size 24/29 screw thread joints, made of borosilicate 3.3 glass exclusive of screw threads. Autoclavable at 121°C

Kit Includes:

- Round bottom flask - 250 ml
- Still head
- Liebig condenser
- Adapter receiver with vacuum
- Erlenmeyer flask - 100 ml

Code	Item Name
CH1028	Simple Vacuum Distillation Apparatus - Secure Joint

GLASS
BORO
3.3

Fractional Distillation Apparatus - Secure Joint

5 piece fractional distillation apparatus with size 24/29 screw thread, made of borosilicate 3.3 glass exclusive of screw threads. Autoclavable at 121°C

Kit Includes:

- Round bottom flask - 250 ml
- Vigrex column
- Still head
- Liebig condenser
- Receiver adapter with vacuum

Code	Item Name
CH1030	Fractional Distillation Apparatus - Secure Joint

GLASS
BORO
3.3

Fractional Vacuum Distillation Apparatus - Secure Joint

5 piece fractional vacuum distillation apparatus with size 24/29 screw thread joints, made of borosilicate 3.3 glass exclusive of screw threads. Autoclavable at 121°C

Kit Includes:

- Vigrex column
- Still head
- Liebig condenser
- Receiver adapter vacuum
- Erlenmeyer flask - 100 ml

Code	Item Name
CH1032	Fractional Vacuum Distillation Apparatus - Secure Joint



Hydro Distillation Apparatus - Secure Joint

5 piece hydro distillation apparatus with size 24/29 screw thread joints, made of borosilicate glass exclusive of screw threads. Autoclavable at 121°C

Kit Includes:

- Round bottom boiling flask - two neck - 250 ml
- Dropping funnel - 50 ml
- Still head
- Liebig condenser
- Receiver adapter

Code	Item Name
CH1034	Hydro Distillation



Dean and Stark

- Graduated Dean and Stark with interchangeable stopper and open top to allow weighing with steel balls
- Used with measuring expansion of edible oils and fat
- Made of borosilicate 3.3 glass
- Autoclavable at 121°C

Code	Capacity	Pack Size
DNSTRK02	2 ml	1
DNSTRK10	10 ml	1



Plastic Screw Caps

Code	Joint Size	Pack Size
CH1036A	14/23	10
CH1036B	19/26	10
CH1036C	24/29	10



Rubber O Rings

Code	Joint Size	Pack Size
CH1038A	14/23	10
CH1038B	19/26	10
CH1038C	24/29	10



GLASS
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Set 10 LG Organic Chemistry Kit

This set contains 22 items with 10/19 ground joint size for maximum versatility. Designed for up to 15 g starting material. Packaged in a die-cut foam lined box. Glassware is made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- 1 Liebig condenser
- 1 Dropping funnel - 20 ml
- 1 Flask, pear shape - 25 ml
- 1 Flask, three neck - 25 ml
- 3 Flask, round bottom - 5 ml
- 1 Air leak / steam inlet
- 1 Thermometer -10°C to 250°C
- 1 Dropping pipette
- 1 Rubber teat
- 1 Receiver adapter
- 2 Stoppers
- 1 Still head
- 1 Air condenser
- 1 Filter funnel
- 1 Receiver tube
- 1 Willstätter nail
- 1 Gas inlet tube
- 1 Drying tube
- 1 Stirrer

Code	Item Name
CH0874	Set 10 LG Organic Chemistry Kit

GLASS
BORO
3.3

Set 29 LG Organic Chemistry Kit

This set contains 6 items with 10/19 ground joint size for maximum versatility, packaged in a die-cut foam lined box. Glassware is made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- 1 Pear shaped flask - 50 ml
- 1 Still head
- 1 Liebig condenser
- 1 Screw cap adapter
- 1 Receiver adapter
- 1 Stopper

Code	Item Name
CH0875	Set 29 LG Organic Chemistry Kit



Set 27 LG/M Organic Chemistry Kit

This set contains 9 items with 14/23 ground joint size for maximum versatility. Packaged in a die-cut foam lined box. Glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- 1 Flask, pear shaped - 50 ml
- 1 Still head
- 1 Liebig condenser
- 1 Screw cap adapter
- 1 Receiver adapter
- 1 Air leak / steam inlet tube
- 1 Dropping funnel, 50 ml with GP rotaflow tap
- 1 Stopper
- 1 Thermometer

Code	Item Name
CH0876	Set 27 LG/M Organic Chemistry Kit



Set 27 X/M - Organic Chemistry Kit

This extension kit contains the 8 items required to convert Set 27 BU/M to Set 23 BU/M. All glassware has size 14/23 ground joints. Glassware made of borosilicate 3.3 glass.

Autoclavable at 121°C (glass only)

Kit Includes:

- 1 Round bottom flask - 25 ml
- 1 Air condenser
- 1 Sintered glass funnel
- 1 Drying tube
- 1 Pear shaped 2-neck flask - 50 ml
- 1 Steam inlet tube
- 1 Adapter with T - connector
- 1 Screw cap adapter

Code	Item Name
CH0877	Set 27 X/M - Organic Chemistry Kit



GLASS
BORO
3.3Chemical
Resistant

Autoclavable

Set 27 LG Organic Chemistry Kit - Secure Joint

This set contains 9 items with size 10/19 screw thread secure joints for maximum versatility and safety. Packaged in a die-cut foam lined Grattells® tray with lid. Glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- 1 Flask, pear shaped - 50 ml
- 1 Still head
- 1 Liebig condenser
- 1 Screw cap adapter
- 1 Receiver adapter
- 1 Air leak / steam inlet tube
- 1 Dropping funnel, 50 ml with GP rotaflow tap
- 1 Stopper
- 1 Thermometer

Code	Item Name
CH0876SJ	Set 27 LG Organic Chemistry Kit - Secure Joint

Set 34 LG Organic Chemistry Kit

- This set contains 16 items with various size joints
- Designed for up to 150 g starting material
- Packaged in a die-cut foam lined box
- Glassware is made of borosilicate 3.3 glass
- Autoclavable at 121°C (glass only)

Kit Includes:

Item Name	Socket Size	Joint Size
1 Still head	14/23	19/26
1 Receiver adapter	19/26	24/29
1 Air leak / steam inlet	----	19/26
1 Liebig condenser	19/26	19/26
1 Dropping funnel, 100 ml	19/26	19/26
1 Reduction adapter	19/26	24/29
1 Multiple adapter	19/26	24/29
1 Flask, round bottom, 50 ml	24/29	----
1 Flask, Erlenmeyer, 250 ml	24/29	----
1 Flask, round bottom, 250 ml	24/29	----
2 Stoppers	----	19/26
1 Thermometer packet	----	14/23
1 Receiver adapter	19/26	----
1 Flask, round bottom, 100 ml	24/29	----
1 Stopper	----	24/29

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

Code	Item Name
CH0878	Set 34 LG Organic Chemistry Kit



Set 34 LG Organic Chemistry Kit in Gratnells® Tray with Lid

- This set contains 16 items with various size joints
- Designed for up to 150 g starting material
- Packaged in a die-cut foam lined Gratnells® tray with lid
- Glassware is made of borosilicate 3.3 glass
- Autoclavable at 121°C (glass only)

Kit Includes:

Item Name	Socket Size	Joint Size
1 Still head	14/23	19/26
1 Receiver adapter	19/26	24/29
1 Air leak / steam inlet	----	19/26
1 Liebig condenser	19/26	19/26
1 Dropping funnel, 100 ml	19/26	19/26
1 Reduction adapter	19/26	24/29
1 Multiple adapter	19/26	24/29
1 Flask, round bottom, 50 ml	24/29	----
1 Flask, Erlenmeyer, 250 ml	24/29	----
1 Flask, round bottom, 250 ml	24/29	----
2 Stoppers	----	19/26
1 Thermometer packet	----	14/23
1 Receiver adapter	19/26	----
1 Flask, round bottom, 100 ml	24/29	----
1 Stopper	----	24/29

Code	Item Name
CH0878GT	Set 34 LG Organic Chemistry Kit in Garter Tray

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

Set 46 LG Organic Chemistry Kit

This set contains 11 items with size 19/26 ground joints, packaged in a die-cut foam lined box. Glassware made of borosilicate 3.3 glass.

Autoclavable at 121°C (glass only)

Kit Includes:

- 1 Dropping funnel - 100 ml
- 1 Air leak / steam inlet tube
- 1 Liebig condenser
- 1 Receiver adapter
- 1 Stopper
- 1 Flask, round bottom - 250 ml
- 1 Cone / screw cap adapter
- 1 Still head
- 1 Flask, pear shaped - 100 ml
- 1 Filter funnel, 24 mm. dia. perforated plate
- 1 Flask buchner - 100 ml

Code	Item Name
CH0880	Set 46 LG Organic Chemistry Kit

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

GLASS
BORO
3.3Chemical
Resistant

Autoclavable



Simple Organic Micro Chemistry Set

This set contains 8 items with size 14/23 ground joints, packaged die-cut in foam lined box. Glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Beaker - 25 ml
- Vigrex column - 100 mm
- Liebig condenser - 100 mm
- Still head
- Screw cap adapter
- Receiver adapter
- Pear shaped flask - 25 ml
- Thermometer, -10 to 110°C

Code	Item Name
CH0881	Simple Organic Chemistry Set - Micro

Simple Organic Chemistry Set - in Grattells® Tray with Lid

This set contains 8 items with size 14/23 ground joints, packaged in a die-cut foam lined Grattells® tray with lid. Glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Beaker - 25 ml
- Vigrex column - 100 mm
- Liebig condenser - 100 mm
- Still head
- Screw cap adapter
- Receiver adapter
- Pear shaped flask - 25 ml
- Thermometer, -10 to 110°C

Code	Item Name
CH0881GT	Simple Organic Chemistry Set - Micro, in Grattells® Tray with Lid

GLASS
BORO
3.3Chemical
Resistant

Autoclavable



Micro Distillation Apparatus

This set contains 9 items allowing for small scale distillation. Everything is packed in a die-cut foam lined box, glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Round bottom flask - 25 ml
- Conical flask - 50 ml
- Liebig condenser - 100 mm
- Still head
- Receiver adapter
- Funnel - 35 mm
- Beaker - 50 ml
- Burette - 10 ml
- Spirit burner

Code	Item Name
CH0879	Micro Glass Distillation Unit

GLASS
BORO
3.3Chemical
Resistant

Autoclavable





Kjeldahl Distillation Apparatus

This set contains 6 items with size 19/26 ground joints. Everything is packed in a die-cut foam lined box, glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Kjeldahl Flask - 500 ml
- Multiple adapter
- Dropping funnel - 50 ml
- Splash head
- Liebig condenser
- 4 Joint clips, 19/26

Code	Item Name
CH0885	Kjeldahl Distillation Apparatus



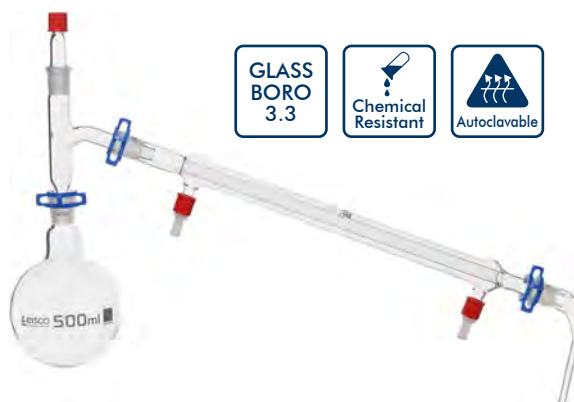
Simple Distillation Apparatus

This set contains 5 items with size 19/26 ground joints. Everything is packed in a die-cut foam lined box, glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Round bottom flask - 500 ml
- Still head with thermometer adapter
- Liebig condenser - 300 mm
- Receiver adapter
- 4 Joint clips, 19/26

Code	Item Name
CH0886	Simple Distillation Apparatus



Standard Distillation Apparatus

This set contains 5 items with size 19/26 ground joints. Everything is packed in a die-cut foam lined box, glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Round bottom boiling flask - 500 ml
- Still head
- Liebig condenser - 300 mm
- Receiver adapter
- Separating funnel with stopper
- 4 Joint clips, 19/26

Code	Item Name
CH0890	Standard Distillation Apparatus



GLASS
BORO
3.3Chemical
Resistant

Autoclavable

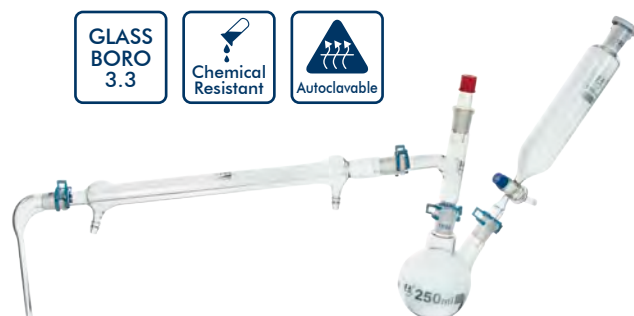
Fractional Distillation Apparatus

This set contains 6 items with size 19/26 ground joints. Everything is packed in a die-cut foam lined box, glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Round-bottom boiling flask - 250ml
- Vigrex column
- Liebig condenser - 300 mm
- Vacuum receiver adapter
- Erlenmeyer flask - 250ml
- 4 Joint clips, 19/26

Code	Item Name
CH0890B	Fractional Distillation Apparatus

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

Hydro Distillation Apparatus

This set contains 6 items with size 19/26 ground joints. Everything is packed in a die-cut foam lined box, glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Round bottom, two neck boiling flask - 250ml
- Still head, plain
- Liebig condenser - 300 mm
- Delivery receiver adapter
- Dropping funnel, 100 ml with stopper
- 4 Joint clips, 19/26

Code	Item Name
CH0890C	Hydro Distillation Apparatus

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

Markham Distillation Apparatus

This apparatus is fitted with a spherical ground glass joint between the distillation vessel and condenser for easy assembly, includes screw thread outlets and plastic connectors. The apparatus automatically sucks back when the steam supply to the distillation is cut off. Glassware made of borosilicate 3.3 glass. Autoclavable at 121°C (glass only)

Kit Includes:

- Funnel plug with cone, size 10/19
- Spherical Joint clip
- Condenser, 1.0 x 10-2m2
- Markham still body - 25 ml capacity

Code	Item Name
MRKHSTL	Markham Distillation Apparatus



Essential Oil Steam Distillation Apparatus

Complete set up for extracting your own essential oils using glass steam distillation. This 23 piece set is comprised of premium, laboratory grade components, borosilicate 3.3 glassware, polypropylene stoppers, chemical resistant plastic joint clips, rubber tubing and cork flask stand. 24/40 interchangeable stoppers and ground joints. Autoclavable at 121°C (glass only)

Kit Includes:

- 2 Pear shaped separating funnels - 125ml, PTFE stopcock & stem with cone
- 1 Boiling flask, round bottom - 500ml
- 1 Boiling flask, flat bottom - 500ml
- 1 Biomass flask - 500ml
- 1 Multiple adapter - two parallel necks
- 1 Vertical recovery bend adapter - with thermometer socket
- 1 Receiver adapter
- 1 Jointed Liebig condenser
- 10 Joint clips
- 2 Polypropylene 24/40 interchangeable stoppers
- 1 Soft rubber tubing 5 metre length
- 1 Cork flask stand

Code	Item Name
CH1050	Essential Oil Steam Distillation Apparatus



Short Distillation Set, Glassware Only, 21 Piece

- Short path distillation set for use in distillation, extraction and purification of essential/botanical oils
- Made from high quality borosilicate 3.3 glass components
- Autoclavable at 121°C (glass only)
- Each piece is durable to heat and chemical exposure to provide years of use in the lab
- 24/40 connections provide secure connections when used with the included neck clips

Kit Includes:

- 1 Short path distillation head
- 1 Cold Trap
- 1 Distillation receiver
- 1 Round bottom receiving flask - 1000 ml
- 1 Two neck round bottom flask - 2000 ml
- 3 Round bottom flask - 250 ml
- 2 Plastic test tube with cap
- 1 Thermometer adapter 24/40
- 1 Thermometer adapter 14/20
- 1 Hollow glass stopper
- 4 Plastic screw cap tubing connector
- 1 Cold trap clamp
- 4 Plastic joint clips
- 1 Glass stopper large

Code	Item Name
CH20190010	Short Distillation Set, Glassware Only, 21 Piece



GLASS
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3.3Chemical
Resistant

Autoclavable



Organic Chemistry Glassware Set With 19/22 Tapered Joints

- Distillation kit includes 15 pieces of glassware made from high quality, heavy duty, 3.3 borosilicate glass
- All pieces have 19/22 tapered joints
- Hard-shell briefcase with fitted foam inserts included for convenient and safe storage
- Autoclavable at 121°C

Kit Includes:

- 1 Liebig condenser
- 1 West condenser
- 1 Bleed tube
- 1 Thermometer adapter
- 1 Parallel neck adapter
- 1 Receiver Adapter
- 1 Separating funnel - 125 ml
- 1 Round bottom flask - 500 ml
- 1 Round bottom flask - 250 ml
- 1 Round bottom flask - 100 ml
- 1 Round bottom flask - 50 ml
- 1 Round bottom flask - 25 ml
- 1 Still head
- 2 Glass stopper

Code	Item Name
CH2019003	Organic Chemistry Glassware Set With 19/22 Tapered Joints

GLASS
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3.3Chemical
Resistant

Autoclavable



Student Distillation Kit With Stand And Accessories

- Simple set up, perfect for student use
- Contains everything needed to set up a distillation demonstration
- All glassware made of high quality, chemical resistant borosilicate glass


Kit Includes:

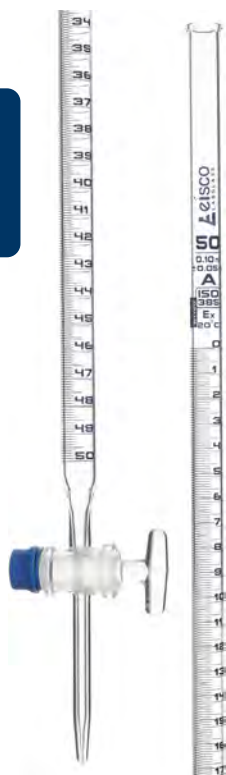
- 1 Liebig condenser - 300 mm
- 1 Splash head
- 1 Round bottom flask - 500 ml
- 1 Erlenmeyer flask - 500 ml
- 2 Rubber stopper
- 1 Metal tripod stand
- 1 Wire gauge
- 1 A-shape retort base with rod
- 1 PVC coated two prong clamp

Code	Item Name
DIST1SET	Student Distillation Kit With Stand And Accessories



CLASS - A INDIVIDUALLY CERTIFIED GLASSWARE

EISCO CALIBRATION LABORATORY		EISCO LABGLASS	
CLASS "A" TEST CERTIFICATE			
Certificate No. : BU50-09027/ES-014		Certificate Issue Date : 17-09-2018	
Calibration Method : Gravimetric Method		Calibration Date : 14-09-2018	
PRODUCT DETAIL			
Description of the Item : Burette 50 ml		Car No. : CH0240C	Batch No. : BU50-09-027
Nominal Volume : 50 ml		Tolerance : ± 0.05 ml	Serial No. : ES-014
STANDARD EQUIPMENTS USED FOR CALIBRATION			
Name	Weighing Balance	Thermometer	
Make	OHAUS	CE	
I.D. No.	WB-18	DTM-01	
Range	0-210 gm.	50°C to 200°C	
Least Count	0.1 mg	0.1°C	
CALIBRATION RESULT			
Nominal Vol.	Certified Vol.	Delivery Time (sec.)	
50 ml	50.02 ml	78 Sec.	
TERMS			
<ul style="list-style-type: none">The above product has been examined for compliance to DIN ISO 385, Class A.This certificate shall not be reproduced, except in full, without the written permission from EISCO.Results reported are valid under lab conditions at the time of calibration.Laboratory Standards are traceable to NPL India, traceable to International standards.It has been found to satisfy the specified requirements. The above item has been calibrated at 24.5°C at RH 45%.			
Calibrated by : JNY		Approved by : 	
		Quality Manager	
Eisco Scientific LLC			

GLASS
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Burettes - Glass Key Stopcock Class-A With Individual Work Certificate

- Precision bore burette with glass key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Integrated glass key stopcock
- Complies with DIN ISO 385 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1900A	10	0.05	0.03	1
CH1900B	25	0.10	0.05	1
CH1900E	25	0.05	0.03	1
CH1900C	50	0.10	0.05	1
CH1900D	100	0.20	0.10	1

GLASS
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Burettes - Schellbach, Glass Key Stopcock, Class-A With Individual Work Certificate

- Precision bore burette with glass key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Schellbach strip for precise meniscus reading
- Complies with DIN ISO 385 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1904A	10	0.05	0.03	1
CH1904B	25	0.10	0.05	1
CH1904E	25	0.05	0.03	1
CH1904C	50	0.10	0.05	1
CH1904D	100	0.20	0.10	1



Burettes - PTFE Key Stopcock, Class-A With Individual Work Certificate

- Precision bore burette with PTFE key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Self lubricating interchangeable PTFE key stopcock
- Complies with DIN ISO 385 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1908A	10	0.05	0.03	1
CH1908B	25	0.10	0.05	1
CH1908E	25	0.05	0.03	1
CH1908C	50	0.10	0.05	1
CH1908D	100	0.20	0.10	1



INDIVIDUAL
WORK
CERTIFICATES

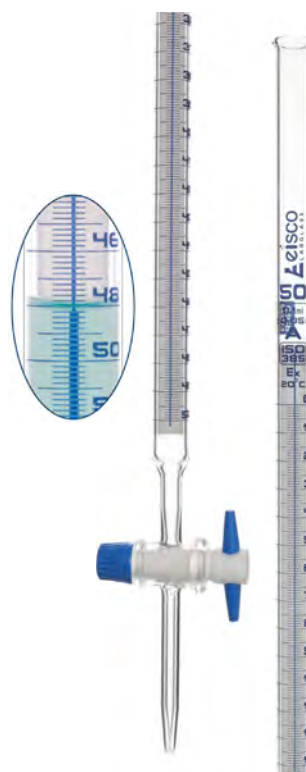
GLASS
BORO
3.3



Burettes - Schellbach, PTFE Key Stopcock Class-A With Individual Work Certificate

- Precision bore bureette with PTFE key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Self lubricating interchangeable PTFE key stopcock
- Schellbach strip for precise meniscus reading
- Complies with DIN ISO 385 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1912A	10	0.05	0.03	1
CH1912B	25	0.10	0.05	1
CH1912E	25	0.05	0.03	1
CH1912C	50	0.10	0.05	1
CH1912D	100	0.20	0.10	1



INDIVIDUAL
WORK
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GLASS
BORO
3.3



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BORO
3.3Chemical
Resistant

Autoclavable

ISO
385

USP

**Burettes - PTFE Key Stopcock, Class-A USP With Individual Work Certificate**

- Precision bore burette with PTFE key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Self lubricating interchangeable PTFE key stopcock
- Complies with DIN ISO 385 standard
- USP <31> compliant
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

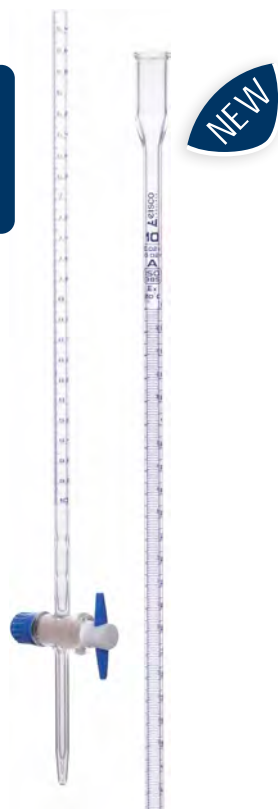
Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1914A	10	0.05	0.02	1
CH1914B	25	0.10	0.03	1
CH1914C	50	0.10	0.05	1
CH1914D	100	0.20	0.10	1

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BORO
3.3Chemical
Resistant

Autoclavable

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USP

**Micro Burettes - PTFE Key Stopcock, Class-A USP With Individual Work Certificate**

- Class-A micro burettes designed for precise analytical methods in microchemistry
- Chemical resistant borosilicate 3.3 glass
- Funnel top facilitates addition of reagents by pouring or by suction from below through a rubber-stoppered tube
- Calibrated to Class-A volumetric tolerances
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 385 standard
- USP <31> compliant
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1914E	10	0.02	0.02	1



Automatic Zero Burettes - Glass With PTFE Key Stopcock, Class-A With Individual Work Certificate

- Automatic zero burette mounted on glass reservoir with rubber below
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Self lubricating interchangeable PTFE key stopcock
- Graduated reservoir to indicate approximate volume
- Complies with DIN ISO 385 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1916A	10	0.05	0.03	1
CH1916B	25	0.10	0.05	1
CH1916C	50	0.10	0.05	1
CH1916D	100	0.20	0.10	1



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3.3

Chemical
Resistant

Autoclavable

ISO
385

Automatic Zero Burettes - Schellbach With Intermediate PTFE Key Stopcock, Class-A With Individual Work Certificate

- Automatic zero burette with intermediate stopcock
- Intermediate stopcocks facilitates easy drainage of liquid back to reservoir
- Made of high quality, chemical resistant amber borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Schellbach strip for precise meniscus reading
- Self lubricating interchangeable PTFE key stopcock
- Graduated reservoir to indicate approximate volume
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1918A	10	0.05	0.03	1
CH1918B	25	0.10	0.05	1
CH1918C	50	0.10	0.05	1
CH1918D	100	0.20	0.10	1



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GLASS
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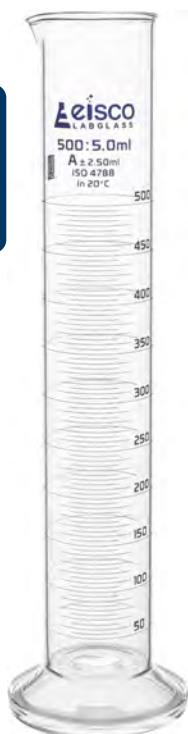
Chemical
Resistant

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GLASS
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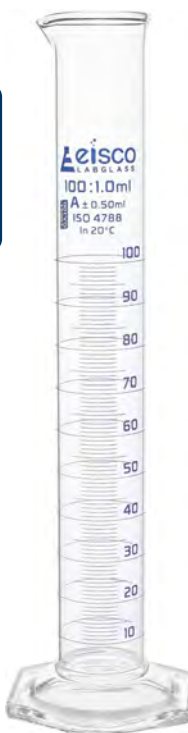
Graduated Cylinders - Glass, Class-A With Round Base & Individual Work Certificate

- Graduated cylinder with round base and spout
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1922A	5	0.1	0.05	1
CH1922B	10	0.2	0.10	1
CH1922C	25	0.5	0.25	1
CH1922D	50	1.0	0.50	1
CH1922E	100	1.0	0.50	1
CH1922F	250	2.0	1.00	1
CH1922G	500	5.0	2.50	1
CH1922H	1000	10.0	5.00	1
CH1922I	2000	20.0	10.00	1



GLASS
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Graduated Cylinders - Glass, Class-A With Hexagonal Base & Individual Work Certificate

- Graduated cylinder with hexagonal base and spout
- Hexagonal base prevent accidental rolling
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

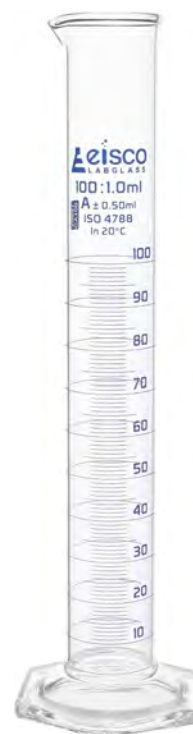
Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Pack Size
CH1926A	5	0.1	0.05	1
CH1926B	10	0.2	0.10	1
CH1926C	25	0.5	0.25	1
CH1926D	50	1.0	0.50	1
CH1926E	100	1.0	0.50	1
CH1926F	250	2.0	1.00	1
CH1926G	500	5.0	2.50	1
CH1926H	1000	10.0	5.00	1
CH1926I	2000	20.0	10.00	1



Graduated Cylinders - Glass, Class-A with Hexagonal Base USP & Individual Work Certificate

- Graduated cylinder with hexagonal base and spout
- Hexagonal base for stability, to prevent rolling
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- USP <31> Complaint
- Complies with DIN ISO 4788 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance ± ml	Pack Size
CH1930A	5	0.1	0.05	1
CH1930B	10	0.2	0.10	1
CH1930C	25	0.5	0.17	1
CH1930D	50	1.0	0.25	1
CH1930E	100	1.0	0.50	1
CH1930F	250	2.0	1.00	1
CH1930G	500	5.0	2.00	1
CH1930H	1000	10.0	3.00	1
CH1930I	2000	20.0	6.00	1



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Chemical
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Autoclavable



USP

Graduated Cylinders - Glass, Class-A ASTM with Hexagonal Base, Guard & Individual Work Certificate

- Graduated cylinder with hexagonal base and spout
- Includes protective guard
- Hexagonal base for stability, to prevent rolling
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements.
- Mechanically strong with low temperature gradient
- Excellent chemical resistance
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with ASTM E1272 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance ± ml	Pack Size
CH1932A	5	0.1	0.05	1
CH1932B	10	0.2	0.10	1
CH1932C	25	0.5	0.17	1
CH1932D	50	1.0	0.25	1
CH1932E	100	1.0	0.50	1
CH1932F	250	2.0	1.00	1
CH1932G	500	5.0	2.00	1
CH1932H	1000	10.0	3.00	1
CH1932I	2000	20.0	6.00	1



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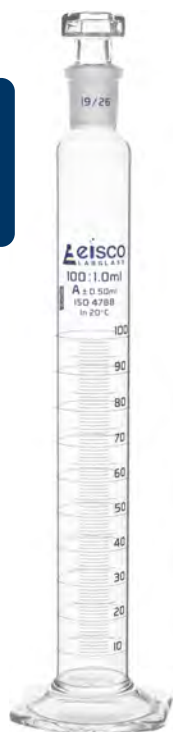


Chemical
Resistant



Autoclavable

ASTM

GLASS
BORO
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Graduated Mixing Cylinders - Glass, Class-A With Hexagonal Base, Stopper & Individual Work Certificate

- Mixing cylinder with hexagonal base
- Includes hollow glass stopper
- Hexagonal base for stability, to prevent rolling
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to contain (TC,In) at 20°C reference temperature
- Easy to read, chemical resistant printed scale
- Complies with DIN ISO 4788 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Sub. Div. (ml)	Tolerance \pm ml	Joint	Pack Size
CH1936A	10	0.2	0.10	10/19	1
CH1936B	25	0.5	0.25	14/23	1
CH1936C	50	1.0	0.50	14/23	1
CH1936D	100	1.0	0.50	19/26	1
CH1936E	250	2.0	1.00	24/29	1
CH1936F	500	5.0	2.50	24/29	1
CH1936G	1000	10.0	5.00	29/32	1
CH1936I	2000	20.0	10.00	34/35	1

GLASS
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Flasks - Volumetric Class-A With Stopper & Individual Work Certificate

- Volumetric flask with one graduation mark
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ISO 1042 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Tolerance \pm ml	Socket Size	Pack Size
CH1952A	5	0.025	10/19	1
CH1952B	10	0.025	10/19	1
CH1952C	20	0.040	10/19	1
CH1952D	25	0.040	10/19	1
CH1952E	50	0.060	12/21	1
CH1952F	100	0.100	14/23	1
CH1952G	200	0.150	14/23	1
CH1952H	250	0.150	14/23	1
CH1952I	500	0.250	19/26	1
CH1952J	1000	0.400	24/29	1
CH1952K	2000	0.600	29/32	1



Flasks - Volumetric, Amber with Stopper, Class-A & Individual Work Certificate

- Amber volumetric flask with one graduation mark
- Suitable for use with light sensitive solutions
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- Complies with ISO 1042 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Tolerance \pm ml	Socket Size	Pack Size
CH1960A	5	0.025	10/19	1
CH1960B	10	0.025	10/19	1
CH1960C	20	0.040	10/19	1
CH1960D	25	0.040	10/19	1
CH1960E	50	0.060	12/21	1
CH1960F	100	0.100	14/23	1
CH1960G	200	0.150	14/23	1
CH1960H	250	0.150	14/23	1
CH1960I	500	0.250	19/26	1
CH1960J	1000	0.400	24/29	1
CH1960K	2000	0.600	29/32	1



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Chemical
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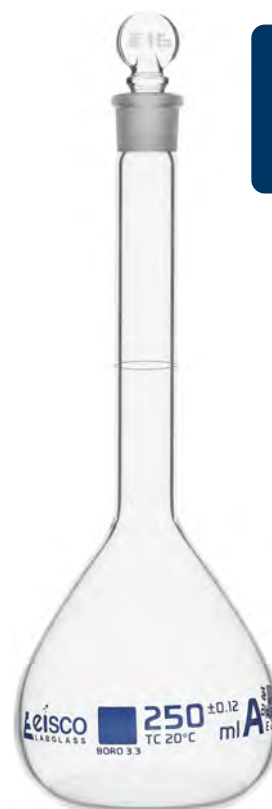
Autoclavable



Flasks - Volumetric Class-A ASTM With Penny Head Glass Stopper & Individual Work Certificate

- Volumetric flask with one graduation mark
- Made of high quality borosilicate 3.3 glass conforming to ASTM E-438, Type-1, Class-A requirements
- Excellent chemical resistance
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes solid glass penny head stopper
- Complies with ASTM E288 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance \pm ml	Stopper No.	Pack Size
CH1964A	5	0.020	9	1
CH1964B	10	0.020	9	1
CH1964C	25	0.030	9	1
CH1964D	50	0.050	13	1
CH1964E	100	0.080	13	1
CH1964F	200	0.100	16	1
CH1964G	250	0.120	16	1
CH1964H	500	0.200	19	1
CH1964I	1000	0.300	22	1
CH1964J	2000	0.500	27	1



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Chemical
Resistant



Autoclavable



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USP

**Flasks - Volumetric Class-A, USP With Stopper & Individual Work Certificate**

- Volumetric flask with one graduation mark
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- USP <31> Compliant
- Complies with ISO 1042 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Tolerance ± ml	Socket Size	Pack Size
CH1972A	5	0.020	10/19	1
CH1972B	10	0.020	10/19	1
CH1972B01	20	0.020	10/19	1
CH1972C	25	0.030	10/19	1
CH1972D	50	0.050	12/21	1
CH1972E	100	0.080	14/23	1
CH1972F	200	0.100	14/23	1
CH1972G	250	0.120	14/23	1
CH1972H	500	0.200	19/26	1
CH1972I	1000	0.300	24/29	1
CH1972J	2000	0.500	29/32	1

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USP

**Flasks - Volumetric, Amber Glass, Class-A USP With Stopper & Individual Work Certificate**

- Amber volumetric flask with one graduation mark
- Suitable for use with light sensitive solutions
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Calibrated to contain (TC,In) at 20°C reference temperature
- Individually calibrated by automatic calibration process
- Sharp and permanent graduation mark
- Includes chemical resistant polyethylene stopper
- USP <31> Compliant
- Complies with ISO 1042 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C (glass only)

Code	Capacity (ml)	Tolerance ± ml	Socket Size	Pack Size
CH1974A	5	0.020	10/19	1
CH1974B	10	0.020	10/19	1
CH1974C	20	0.020	10/19	1
CH1974D	25	0.030	10/19	1
CH1974E	50	0.050	12/21	1
CH1974F	100	0.080	14/23	1
CH1974G	200	0.100	14/23	1
CH1974H	250	0.120	14/23	1
CH1974I	500	0.200	19/26	1
CH1974J	1000	0.300	24/29	1
CH1974K	2000	0.500	29/32	1



Pipettes - Glass, Class-A With Individual Work Certificate

- Bulb form single mark pipette
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Complies with DIN ISO 648 standard
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance \pm ml	Colour Code	Pack Size
CH1990A	1	0.007	Blue	1
CH1990B	2	0.010	Orange	1
CH1990C	5	0.015	White	1
CH1990D	10	0.020	Red	1
CH1990E	15	0.025	Green	1
CH1990F	20	0.030	Yellow	1
CH1990G	25	0.030	Blue	1
CH1990H	50	0.050	Red	1
CH1990I	100	0.080	Yellow	1



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Chemical
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Bulb Pipettes - Glass, Class-AS USP With Individual Work Certificate

- Bulb form single mark pipette
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature with +5s waiting time
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Complies with DIN ISO 648 standard
- USP <31> compliant
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance \pm ml	Colour Code	Pack Size
CH1992A	0.5	0.006	Black (2)	1
CH1992B	1	0.006	Blue	1
CH1992C	2	0.006	Orange	1
CH1992D	3	0.01	Black	1
CH1992E	4	0.01	Red (2)	1
CH1992F	5	0.01	White	1
CH1992G	6	0.01	Orange (2)	1
CH1992H	7	0.01	Green (2)	1
CH1992I	8	0.02	Blue	1
CH1992J	9	0.02	Black	1
CH1992K	10	0.02	Red	1
CH1992L	15	0.03	Green	1
CH1992M	20	0.03	Yellow	1
CH1992N	25	0.03	Blue	1
CH1992O	30	0.03	Black	1
CH1992P	40	0.05	White	1
CH1992Q	50	0.05	Red	1
CH1992R	100	0.08	Yellow	1



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Serological Pipettes - Glass, Type-II, Total Delivery Class-A, USP With Individual Work Certificate

- Serological pipette Class-A
- Complies with DIN ISO 835
- Calibrated to deliver from any graduation line to zero at the jet
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature with +5s waiting time
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance \pm ml	Colour Code	Pack Size
CH1994A	1	0.007	Yellow	1
CH1994B	2	0.01	Black	1
CH1994C	5	0.02	Red	1
CH1994D	10	0.03	Orange	1

Serological Pipettes - Glass, Class-A With Individual Work Certificate

- Serological pipette Class-A
- Complies with DIN ISO 835
- Calibrated to deliver from zero at top to any graduation mark down the jet
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Carefully tooled tips to ensure proper flow rates
- Color coded for easy identification
- Printed with individual alpha numerical serial number
- Includes traceable calibration certificate
- Autoclavable at 121°C

Code	Capacity (ml)	Tolerance \pm ml	Colour Code	Pack Size
CH1996A	1.0	0.006	Yellow	1
CH1996B	2.0	0.010	Black	1
CH1996C	5.0	0.030	Red	1
CH1996D	10.0	0.050	Orange	1
CH1996E	25.0	0.100	White	1



SAFETY PACK - GLASSWARE SETS

NEW

- Convenient sets of high-quality borosilicate 3.3 glassware
- Packaged in thick, custom-fit foam inserts for safe transport and storage
- Superior heat tolerance and chemical resistance, autoclavable at 121°C
- Volumetric glassware is hand calibrated in Eisco's ISO 17025 compliant laboratory

Safety Pack - Mixed Glassware, Set of 9

- Includes 3 graduated low form beaker
- Includes 3 graduated narrow neck erlenmeyer flask
- Includes 3 graduated graduated cylinder hexagonal base, class-A
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

Code	Includes	Capacity
CH196061	Beakers	50ml, 100 ml, 250 ml
	Erlenmeyer Flasks	50ml, 100 ml, 250 ml
	Measuring Cylinders	10 ml, 50ml, 100 ml

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3.3Chemical
Resistant

Autoclavable

Safety Pack - Graduated Cylinders, Set of 3

- Set of 3, class-A, ASTM graduated cylinder
- Hexagonal base for stability
- Removable plastic protective collar to prevent breakage and spillage
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Mechanically strong with superior chemical durability
- Made of high quality 3.3 borosilicate glass
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Complies with ASTM E1272 standard
- Autoclavable at 121°C

Code	Includes	Capacity
CH196046	Graduated Cylinders	10 ml, 25 ml, 50 ml
CH196047	Graduated Cylinders	25 ml, 50 ml, 100 ml
CH196048	Graduated Cylinders	50 ml, 100 ml, 250 ml

GLASS
BORO
3.3Chemical
Resistant

Autoclavable

GLASS
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3.3**Safety Pack - Conical Flasks, Set of 3**

- Set of 3, narrow neck, graduated erlenmeyer flask
- Conical shape for through mixing
- Reinforced rims ensures high impact strength
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Complies with DIN ISO 1773 standard
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

Code	Includes	Capacity
CH196031	Conical Flask	50 ml, 100ml, 250 ml
CH196032	Conical Flask	100 ml, 250 ml, 500 ml
CH196033	Conical Flask	500 ml, 1000 ml, 2000 ml

GLASS
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3.3**Safety Pack - Conical Flasks, Set of 5**

- Set of 5, narrow neck, graduated erlenmeyer flask
- Conical shape for through mixing
- Reinforced rims ensures high impact strength
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Complies with DIN ISO 1773 standard
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

Code	Includes	Capacity
CH196034	Conical Flask	50 ml, 150 ml, 250 ml, 500 ml, 1000 ml

GLASS
BORO
3.3**Safety Pack - Erlenmeyer Flasks, Set of 3**

- Set of 3, narrow neck, graduated erlenmeyer flask
- Conical shape for through mixing
- Reinforced rims ensures high impact strength
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Complies with DIN ISO 1773 standard
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

Code	Includes	Capacity
CH202006	Erlenmeyer Flask	50 ml, 150ml, 250 ml



Safety Pack - Beakers, Set of 3

- Set of 3, low form glass beaker
- Uniform walls, ideal for heating & stirring
- Easy to read white enamel graduations
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Complies with DIN 12231 & ISO 3819 standard
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

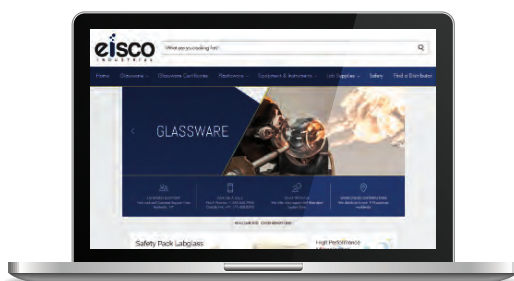
Code	Includes	Capacity
CH2019005	Beakers	50 ml, 100ml, 250 ml



GLASS
BORO
3.3

Chemical
Resistant

Autoclavable



Check out
our new website
www.eiscoindustrial.com

Safety Pack - Premium Beakers, Set of 5

- Set of 5, low form glass beaker
- Uniform walls, ideal for heating & stirring
- Easy to read white enamel graduations
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Complies with DIN 12231 & ISO 3819 standard
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

Code	Includes	Capacity
CH202009	Beakers	50 ml, 100ml, 250 ml, 600 ml, 1000 ml



GLASS
BORO
3.3

Chemical
Resistant

Autoclavable



GLASS
BORO
3.3

Chemical
Resistant

Autoclavable



Safety Pack - Volumetric Flasks, Set of 3

- Set of 3, ASTM, Volumetric flask
- Calibrated to class-A volumetric tolerances
- Calibrated to contain (TC,In) at 20°C reference temperature
- Sharp and permanent graduation mark
- Include penny head stopper
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Complies with ASTM E288 standard
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

Code	Includes	Capacity
CH196041	Volumetric Flasks	10 ml, 25 ml, 50 ml
CH196042	Volumetric Flasks	50 ml, 100 ml, 250 ml
CH0442EFG	Volumetric Flasks	250 ml, 500 ml, 1000 ml

GLASS
BORO
3.3

Chemical
Resistant

Autoclavable



Safety Pack - Measuring Cylinder Set of 9

- Set of 9 premium quality laboratory essentials
- Includes 4 graduated round base cylinders with spout
- Includes 3 dropper
- Includes 2 cleaning brushes
- Calibrated to class-B volumetric tolerances
- Easy to read chemical resistant scale
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Complies with DIN ISO 4788 standard
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

Code	Includes Capacity
CH202002	4 Measuring Cylinders- 5 ml, 10ml, 50 ml, 100 ml. 3 Glass Droppers. 2 Cleaning Brushes.



Custom Packaging for Glass Products
to ensure safe transit



Safety Pack - Ultimate Lab Glass Kit

- Include precise bore 50ml burette with PTFE key stopcock
- Include 2 class-B, round base graduated cylinder
- Include 2 low form glass beaker
- Include 1 narrow neck erlenmeyer flask
- Made of high quality 3.3 borosilicate glass
- Mechanically strong with superior chemical durability
- Low temperature gradient- can withstand high temperatures & thermal shocks
- Packaged in a thick, custom fitted foam casing for safe storage and transport
- Autoclavable at 121°C

Code	Includes Capacity
CH202007	1 Burette- 50 ml. 2 Beakers- 100 ml, 250 ml. 1 Erlenmeyer Flask- 250 ml. 2 Measuring Cylinders- 50 ml, 100 ml.



GLASS BORO 3.3

Chemical Resistant

Autoclavable

Safety Pack - Burette Safety Foam Kit

- Precision bore burette with PTFE key stopcock
- Made of high quality, chemical resistant borosilicate 3.3 glass
- Mechanically strong with low temperature gradient
- Individually calibrated to deliver (Ex) at 20°C reference temperature
- Easy to read chemical resistant printed scale
- Self lubricating interchangeable PTFE key stopcock
- Complies with DIN ISO 385 standard
- Autoclavable at 121°C

Code	Includes Capacity
CH202008	Burette- 50 ml. PTFE Key Stopcock- Borosilicate 3.3 Glass



GLASS BORO 3.3

Chemical Resistant

Autoclavable



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METALWARE





EISCO PREMIUM METAL CLAMPS

- Research grade quality and design for industrial and academic lab
- Solid zinc die-cast construction made from Zamac 3 Alloy + aluminium alloy
- Complete non-ferrous construction, rust resistant and durable in even the toughest scientific testing environments
- Wide range of options for various laboratory applications
- High grade non-toxic powdered coating



Premium Clamp - Three Prong, Vinyl Coated

- 3 prong vinyl coated clamp attached to stainless steel rod
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 8.5 cm
- 14 cm long, 10 mm diameter stainless steel connecting rod
- Complete metal construction, thread fitted actuating joints

Code	Specs
PRCMP01 1	Premium Clamp - Three Prong, Vinyl Coated



Premium Clamp - Three Prong, Vinyl Coated, with Bosshead

- 3 prong vinyl coated clamp attached to swivel bosshead
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 8.5 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP01BH 2	Premium Clamp - Three Prong, Vinyl Coated, with Bosshead



**Premium Clamp - Four Prong, Cork Lined**

- 4 prong cork lined clamp attached to stainless steel rod
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 10.5 cm
- 14 cm long, 10 mm diameter stainless steel connecting rod
- Complete metal construction, thread fitted actuating joints

Code	Specs
PRCMP02	1 Premium Clamp - Four Prong, Cork Lined

**Premium Clamp - Four Prong, Cork Lined, with Bosshead**

- 4 prong cork lined clamp attached to swivel bosshead
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 10.5 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP02BH	2 Premium Clamp - Four Prong, Cork Lined, with Bosshead

**Premium Clamp - Four Prong, Vinyl Coated**

- 4 prong vinyl coated clamp attached to stainless steel rod
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 10.5 cm
- 14 cm long, 10 mm diameter stainless steel connecting rod
- Complete metal construction, thread fitted actuating joints

Code	Specs
PRCMP03	3 Premium Clamp - Four Prong, Vinyl Coated

**Premium Clamp - Four Prong, Vinyl Coated, with Bosshead**

- 4 prong vinyl coated clamp attached to swivel bosshead
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 10.5 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP03BH	4 Premium Clamp - Four Prong, Vinyl Coated, with Bosshead



Premium Clamp - Two Prong, Vinyl Coated, Dual Adjustment

- 2 prong vinyl coated clamp attached to stainless steel rod
- Heavy duty spring loaded clamp jaw with dual screw adjustment to fine tune any fitting
- Made of zinc and powder coated alloy with all metal adjustment screws
- Maximum clamp opening is 7 cm
- 14 cm long, 10 mm diameter stainless steel connecting rod

Code	Specs
PRCMP04 1	Premium Clamp - Two Prong, Vinyl Coated, Dual Adjustment



Premium Clamp - Two Prong, Vinyl Coated, with Bosshead and Dual Adjustment

- 2 prong vinyl coated clamp attached to swivel bosshead
- Heavy duty spring loaded clamp jaw with dual screw adjustment to fine tune any fitting
- Clamp constructed of powder coated high grade zinc alloy with all metal screws
- Maximum clamp opening is 7 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP04BH 2	Premium Clamp - Two Prong, Vinyl Coated, with Bosshead and Dual Adjustment



Premium Clamp - Two Prong, Vinyl Coated

- 2 prong vinyl coated clamp attached to stainless steel rod
- Clamp constructed of powder coated high grade zinc alloy
- Maximum clamp opening is 11 cm
- 14 cm long, 10 mm diameter steel connecting rod
- Complete metal construction, thread fitted actuating joints

Code	Specs
PRCMP05 3	Premium Clamp - Two Prong, Vinyl Coated



Premium Clamp - Two Prong, Vinyl Coated, with Bosshead

- 2 prong vinyl coated clamp attached to swivel bosshead
- Clamp constructed of powder coated high grade zinc alloy
- Maximum clamp opening is 11 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP05BH 4	Premium Clamp - Two Prong, Vinyl Coated, with Bosshead



**Premium Clamp - Three Prong, Vinyl Coated, Dual Adjustment**

- 3 prong vinyl coated clamp attached to stainless steel rod
- Heavy duty spring loaded clamp jaw with dual screw adjustment to fine tune any fitting
- Made of zinc and powder coated alloy with all metal adjustment screws
- Maximum clamp opening is 6 cm
- 14 cm long, 10 mm diameter stainless steel connecting rod

Code	Specs
PRCMP06	1 Premium Clamp - Three Prong, Vinyl Coated, Dual Adjustment

**Premium Clamp - Three Prong, Vinyl Coated, with Bosshead and Dual Adjustment**

- 3 prong vinyl coated clamp attached to swivel bosshead
- Heavy duty spring loaded clamp jaw with dual screw adjustment to fine tune any fitting
- Clamp constructed of powder coated high grade zinc alloy with all metal screws
- Maximum clamp opening is 6 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP06BH	2 Premium Clamp - Three Prong, Vinyl Coated, with Bosshead and Dual Adjustment

**Premium Clamp - Three Prong, Vinyl Coated, Dual Adjustment - Large**

- 3 prong vinyl coated clamp attached to stainless steel rod
- Heavy duty spring loaded clamp jaw with dual screw adjustment to fine tune any fitting
- Made of zinc and powder coated alloy with all metal adjustment screws
- Maximum clamp opening is 9 cm
- 14 cm long, 10 mm diameter stainless steel connecting rod

Code	Specs
PRCMP10	3 Premium Clamp - Three Prong, Vinyl Coated, Dual Adjustment - Large

**Premium Clamp - Three Prong, Vinyl Coated, with Bosshead and Dual Adjustment - Large**

- 3 prong vinyl coated clamp attached to swivel bosshead
- Heavy duty spring loaded clamp jaw with dual screw adjustment to fine tune any fitting
- Clamp constructed of powder coated high grade zinc alloy with all metal screws
- Maximum clamp opening is 9 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP11	4 Premium Clamp - Three Prong, Vinyl Coated, with Bosshead and Dual Adjustment - Large



Premium Clamp - Three Prong, Vinyl Coated

- 3 prong vinyl coated clamp attached to stainless steel rod
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 8.5 cm
- 14 cm long, 10 mm diameter steel connecting rod
- Complete metal constructions, thread fitted actuating joints

Code	Specs
PRCMP07 1	Premium Clamp - Three Prong, Vinyl Coated



Premium Clamp - Three Prong, Vinyl Coated, with Bosshead

- 3 prong vinyl coated clamp attached to swivel bosshead
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 8.5 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP07BH 2	Premium Clamp - Three Prong, Vinyl Coated, with Bosshead



Premium Clamp - Two Prong, Cork Lined

- 2 prong cork lined clamp attached to stainless steel rod
- Clamp constructed of powder coated high grade zinc alloy
- Maximum clamp opening is 12 cm
- 14 cm long, 10 mm diameter steel connecting rod
- Complete metal construction, thread fitted actuating joints

Code	Specs
PRCMP08 3	Premium Clamp - Two Prong, Cork Lined



Premium Clamp - Two Prong, Cork Lined, with Bosshead

- 2 prong cork lined clamp attached to swivel bosshead
- Clamp constructed of powder coated high grade zinc alloy
- Maximum clamp opening is 11 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

Code	Specs
PRCMP08BH 4	Premium Clamp - Two Prong, Cork Lined, with Bosshead





Premium Clamp - Three Prong, Cork Lined

- 3 prong cork lined clamp attached to stainless steel rod
- Clamp constructed of powder coated high grade aluminium alloy.
- Maximum clamp opening is 8.5 cm
- 14 cm long, 10 mm diameter steel connecting rod
- Complete metal construction, thread fitted actuating joints

Code	Specs
PRCMP09	1 Premium Clamp - Three Prong, Cork Lined



Premium Clamp - Three Prong, Cork Lined, with Bosshead

- 3 prong cork lined clamp attached to swivel bosshead
- Clamp constructed of powder coated high grade aluminium alloy
- Maximum clamp opening is 8.5 cm
- Swivel between clamp and bosshead
- High strength aluminium alloy bosshead
- Bosshead accommodates up to 18 mm rod

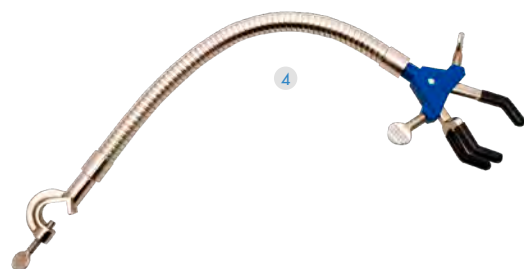
Code	Specs
PRCMP09BH	2 Premium Clamp - Three Prong, Cork Lined, with Bosshead



Premium Chain Clamp for Holding Beakers Bottles

- Die cast, PVC coated for slip resistant grip of beakers, bottles and other labware
- Accommodates labware with 60-165 mm diameter
- Holds equipment firmly in place at any angle, variable distance from support
- Loop steel chain around labware attach hook to movable slide, tighten slide via nonslip threaded knob
- Secure lab equipment firmly in place at any angle to rods and lattices
- Arm is 15cm long and 12 mm in diameter

Code	Specs
PRCMP21	3 Premium Chain Clamp for Holding Beakers Bottles



Premium Flexible Clamp

- 3 Prong, double adjustable jaws with clamp holder
- Designed for use with laboratory apparatus that are difficult to hold due to their size, shape or odd angles
- Unique flexible arm can be placed in virtually any position or angle
- Arm length is 30 cm
- Maximum clamp opening is 6 cm
- Bosshead accommodates upto 18 mm rod

Code	Specs
FLXCLMP20	4 Premium Flexible Clamp



Premium Bosshead - Die Cast

- Made from high grade zinc alloy, finished in non-toxic powder coating
- Threaded metal one piece clamping screws
- Able to hold rods up to 16 mm in diameter
- Holds rods orthogonal (90 degrees) to one another
- All metal construction supports heavy loads and prevents torque damage

Code	Specs
PRBH01	1 Premium Bosshead - Die Cast



Premium Bosshead - Metal

- Made from high grade zinc alloy, finished in non-toxic powder coating
- Threaded metal one piece clamping screws
- Able to hold rods up to 15 mm in diameter
- Holds rods orthogonal (90 degrees) to one another
- All metal construction supports heavy loads and prevents torque damage

Code	Specs
PRBH02	2 Premium Bosshead - Metal



Premium Bosshead - Heavy Duty

- Made from high grade aluminium alloy, finished in non-toxic powder coating
- Thicker than normal 8 mm threaded clamping screws
- Able to hold rods up to 16 mm in diameter
- Holds rods orthogonal (90 degrees) to one another
- All metal construction with thicker casting to support more load and prevent torque damage

Code	Specs
PRBH03	3 Premium Bosshead - Heavy Duty



Premium Bosshead - Universal Swivel

- Made from high grade zinc alloy, finished in non-toxic powder coating
- Threaded metal one piece clamping screws
- Able to hold rods up to 16 mm in diameter
- Adjusts to any angle, both bossheads can swivel 360 degrees
- All metal construction supports heavy loads and prevents torque damage

Code	Specs
PRBH04	4 Premium Bosshead - Universal Swivel



Premium Bosshead - Square Head

- Made from high grade zinc alloy, finished in non-toxic powder coating
- Threaded metal one piece clamping screws
- Able to hold rods up to 15 mm in diameter
- Holds rods orthoangle (90 degrees) to one another
- All metal construction supports heavy loads and prevents torque damage

Code	Specs
PRBH05	5 Premium Bosshead - Square Head





Multipurpose Clamp Holder

- Square section aluminium alloy clamp holder with metal clamping screw
- Two rectangular slots can accept square or circular rods and tubing up to 16 mm diameter
- Can also attach to table edges and boards up to 16 mm thick
- Finished in non-toxic powder coating
- All metal construction supports heavy loads and prevents torque damage

Code	Specs
CH0663D	Multipurpose Clamp Holder



Lattice Clamps

- For lattice building and rod coupling with 12.5 mm dia. rods
- Fitted with screws for Allen wrench
- Pack of 12

Code	Specs
CH0664C	Lattice Clamps - Pack of 12



Universal Clamp Holder - Jumbo

- Made of high grade aluminium alloy, finished in non-toxic powder coated
- Threaded metal one piece clamping screws
- Accepts rods and flat boards up to 18 mm thick
- Secures onto tables up to 18 mm thick

Code	Specs
CH0664JM	Universal Clamp Holder - Jumbo



Double Bossheads - Large

- Die cast double bosshead, accepts rods 5 - 20 mm in diameter
- Fitted with plastic cap adjustment screws
- Thicker casting to supports more load and prevent torque damage

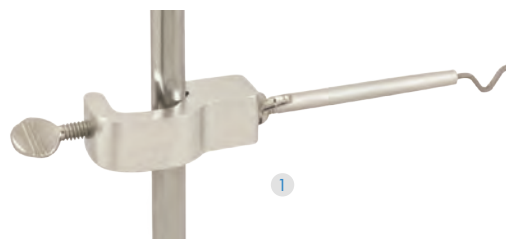
Code	Specs
CH0665A	Bosshead - Chrome Plated
CH0665B	Bosshead - Black Coated



Suspension Clamps

- Use to suspend a thermometer over a hot plate
- Clamp holds items at a distance of 110 mm from the support rod
- The hook is adjustable and locks at any angle
- Accommodated rods up to 16 mm in diameter

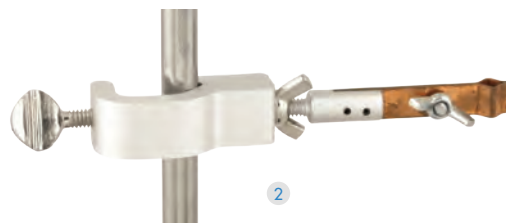
Code	Specs
CH0667	1 Suspension Clamps



Thermometer Clamp with Bosshead

- Thermometer clamp with thumbscrews and 360° jaw rotation
- Accommodates thermometers 6 to 12 mm in diameter
- Bosshead accommodates rods upto 16 mm in diameter

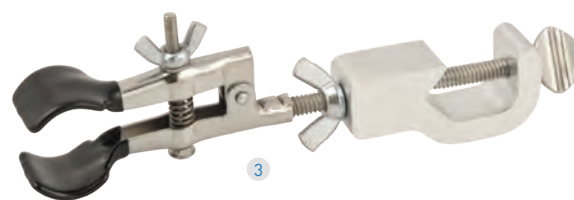
Code	Specs
CH0667A	2 Thermometer Clamp with Bosshead



Burette Clamp with Bosshead- PVC Coated Round Jaws

- Clamp features round PVC dipped stainless steel jaws with a 12 mm to 45 mm opening to hold burettes and test tubes
- Threaded rod and wing nut adjust clamp angle
- Overall length 13 to 15 cm
- Bosshead accommodates rods upto 16 mm in diameter

Code	Specs
CH0688A	3 Burette Clamp with Bosshead - PVC Coated Round Jaws



Universal Clamp with Bosshead - PVC Coated Jaws

- Clamp features 1 flat angled and 1 'V' steel prongs dipped in PVC ensuring slip resistant grip of cylindrical objects
- Threaded rod and wing nut adjust clamp angle
- Overall length 13 to 15 cm
- Bosshead accommodates rods upto 16 mm in diameter

Code	Specs
CH0688B	4 Universal Clamp with Bosshead - PVC Coated Jaws

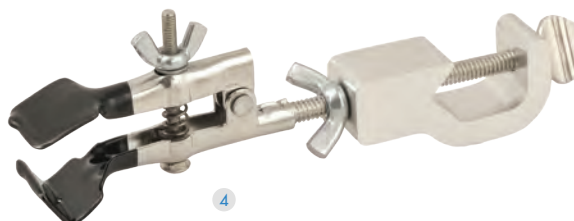


Table Clamp - Premium

- Versatile multipurpose clamp for securing a wide variety of laboratory apparatus and accessories
- Made from heavy duty die-cast metal
- Non-ferrous metal construction that will not bend or break under heavy loads
- Features a vinyl sleeve and swivel pad to ensure a strong, slip proof grip on a variety of surfaces

Code	Specs
CH0688FBG	5 Table Clamp

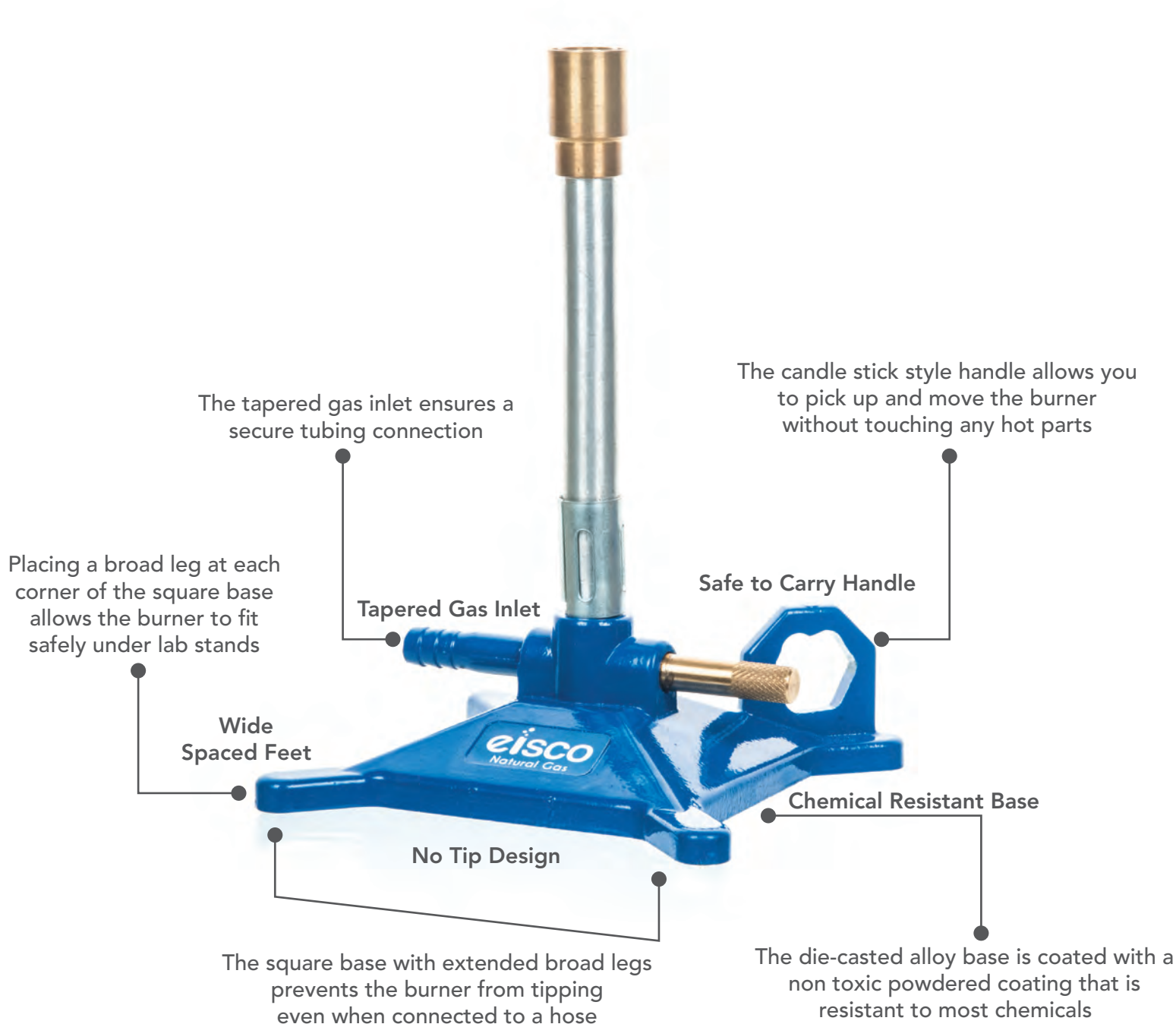


NextGen Bunsen Burners

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NextGen Bunsen Burners





NextGen Bunsen Burner - Simple

- Nickel plated brass tube with adjustable air regulator
- Fitted with integrated flame stabilizer
- Height 145 mm.
- Expanded die-casted base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0971LP 1	Bunsen Burner - LPG
CH0971NG	Bunsen Burner - Natural Gas



NextGen Bunsen Burner - Standard

- Nickel plated brass tube with adjustable air regulator
- Fitted with integrated flame stabilizer
- Height 125 mm
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0972LP 2	Bunsen Burner - LPG
CH0972NG	Bunsen Burner - Natural Gas



NextGen Bunsen Burner - Semi Micro

- Nickel plated brass tube with adjustable air regulator
- Fitted with integrated flame stabilizer
- Perfect for tight spaces less than 10 cm tall
- Expanded die-casted base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0973LP 3	Bunsen Burner - LPG
CH0973NG	Bunsen Burner - Natural Gas



NextGen Bunsen Burner - Teclu

- This premium burner features a nickel plated brass tube with an adjustable air regulator and fuel adjustment needle valve
- Fitted with brass thumb gas adjustment and integrated flame stabilizer
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0974LP ¹	Bunsen Burner - LPG
CH0974NG	Bunsen Burner - Natural Gas



NextGen Bunsen Burner - Basic

- Basic and easy to use air flow valve (no gas flow valve)
- Single adjustment (air flow valve)
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0991LP ²	Bunsen Burner - LPG
CH0991NG	Bunsen Burner - Natural Gas



NextGen Bunsen Burner - Basic With Flame Stabilizer

- Basic and easy to use air flow valve (no gas flow valve)
- Single adjustment - air flow adjustment sleeve with brass flame stabilizer
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0992LP ³	Bunsen Burner - Flame Stabilizer - LPG BTU: 2000 - 3200; Max. Temp.: 1550 °C
CH0992NG	Bunsen Burner - Flame Stabilizer - Natural Gas BTU: 800 - 1200; Max. Temp.: 1550 °C





1

NextGen Bunsen Burner - Basic With Flame Stabilizer, Gas adjustment

- Most popular, control gas and air flow to the flame
- Equipped with air flow adjustment sleeve, brass thumb gas adjustment and brass flame stabilizer tip
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0993LP 1	Bunsen Burner - Flame Stabilizer - LPG BTU: 2000 - 3200; Max. Temp.: 1550 °C
CH0993NG	Bunsen Burner - Flame Stabilizer - Natural Gas BTU: 800 - 1200; Max. Temp.: 1550 °C



2

NextGen Bunsen Burner - Basic With Flame Stabilizer, Threaded Gas Inlet

- Most popular, control gas and air flow to the flame
- Equipped with air flow adjustment sleeve, brass thumb gas adjustment and brass flame stabilizer tip
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Threaded gas inlet
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0993LPTHRD 2	Burner Bunsen - LPG
CH0993NGTHRD	Burner Bunsen - Natural Gas



3

NextGen Bunsen Burner - Micro

- Easy to use with air flow valve to control flame
- Perfect for tight spaces, less than 90 cm tall
- Single adjustment - air flow adjustment sleeve
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0994LP 3	Burner Bunsen - LPG
CH0994NG	Burner Bunsen - Natural Gas



NextGen Bunsen Burner - Tirrill

- Tirrill burners are specialized to finely control air/gas mixture
- Designed with gas adjustment dial under the burner along with threaded air flow adjustment
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0995LP 1	Bunsen Burner - Flame Stabilizer - LPG BTU: 2000 - 3200; Max. Temp.: 1550 °C
CH0995NG	Bunsen Burner - Flame Stabilizer - Natural Gas BTU: 800 - 1200; Max. Temp.: 1550 °C



NextGen Bunsen Burner - Meker

- The Meker burner is a relatively radical type of Bunsen burner that is designed to produce a extremely hot and stable flame
- It features a flame stabilizer with a grid that separates the flame into an array of much smaller flames creating several "outer tips" or zones of highest temperature
- This allows the average temperature of the flame to rise from 935°C to 1180°C
- Designed with gas adjustment dial under the burner along with threaded air flow adjustment
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0996LP 2	Bunsen Burner - Flame Stabilizer - LPG BTU: 1900 - 3100; Max. Temp.: 1780 °C
CH0996NG	Bunsen Burner - Flame Stabilizer - Natural Gas BTU: 600 - 1100; Max. Temp.: 1780 °C



NextGen Bunsen Burner

- Nickel plated brass tube with adjustable air regulator
- Fitted with integrated flame stabilizer
- Expanded die-cast base prevents easy tipping, even with hose connected
- Base is coated with chemical resistant, non toxic powder
- Spaced feet so burner fits comfortably under stands
- Easy to carry handle
- Tapped gas inlet ensures secure tubing connector
- For use with 6-8 mm tubing
- Liquid propane gas (LPG) or natural gas options available

Code	Specs
CH0093QPLP 3	Bunsen Burner - LPG
CH0093QPNG 4	Bunsen Burner - Natural Gas





Mohr's Clips

- Made of nickel plated steel wire
- Maximum opening 18 mm

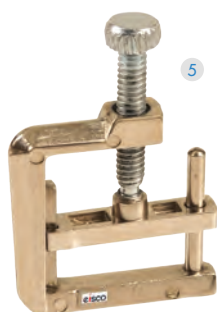
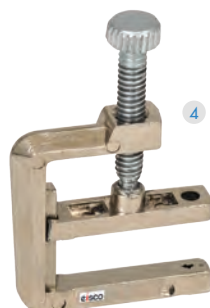
Code	Specs
CH0290A	1 Mohr's Clips - Iron
CH0290B	Mohr's Clips - Brass



Hoffman's Clips

- Nickel plated, hinged bottom bar for direct fitting and removal without access to ends of tube
- Protecting plate to prevent damage to tubing by end of screw
- Maximum opening 15 mm

Code	Specs
CH0298B	Hoffman's Clips - Brass, Closed-Closed
CH0298C	2 Hoffman's Clips - Brass, Open-Closed-Open
CH0298D	3 Hoffman's Clips - Brass, Open-Closed



Hoffman's Clips - Heavy Duty

- Die-cast
- Nickel plated
- Maximum opening 20 mm

Code	Specs
CH0299A	4 Hoffman's Clips - Die-Cast, Open
CH0299B	5 Hoffman's Clips - Die-Cast, Closed



Spirit Lamp - Stainless Steel

- Die-pressed stainless steel construction
- 80 ml capacity
- Wick controlled by simple ratched knob for ease of use
- Includes attached extinguishing cap

Code	Specs
CH0535B	5 Spirit Lamp - Stainless Steel, 80 ml



Wire Gauze - Iron with Ceramic Center

- Square wire gauze made of iron with ceramic center
- Pack of 10

Code	Size
CH0525A ¹	12.5 x 12.5 cm
CH0525B ²	15 x 15 cm



Wire Gauze - Iron Plain

- Square wire gauze made of iron
- Pack of 10

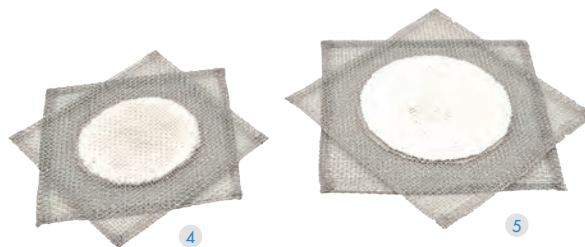
Code	Size
CH0526A ³	12.5 x 12.5 cm
CH0526B	15 x 15 cm



Wire Gauze - Stainless Steel with Ceramic Center

- Square wire gauze made of stainless steel with ceramic center
- Pack of 10

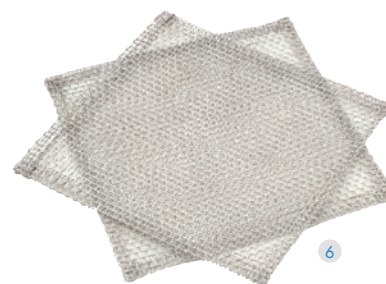
Code	Size
CH0527A ⁴	12.5 x 12.5 cm
CH0527B ⁵	15 x 15 cm



Wire Gauze - Stainless Steel Plain

- Square wire gauze made of stainless steel
- Pack of 10

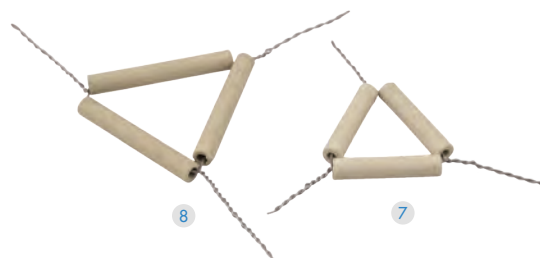
Code	Size
CH0527C ⁶	12.5 x 12.5 cm
CH0527D	15 x 15 cm



Clay Pipe Triangle

- Clay pipes on thick iron wire

Code	Size
CH0530A ⁷	5 cm
CH0530B	6 cm
CH0530C ⁸	7.5 cm





Spatula Spoon - Stainless Steel, Wide Handle

- Flat handle with one concave spoon end and one flat spatula end
- Made of polished stainless steel

Code	Specs
CH0632A	Length - 12.5 cm
CH0632B	Length - 15 cm
CH0632C	Length - 20 cm



Spatula - Stainless Steel, Wide Handle, Dual End

- Flat handle with two flat spatula ends
- Made of polished stainless steel

Code	Specs
CH0634C	Length - 20 cm



Scoop - Stainless Steel

- Semicircular cross section with one blunt end and one tapered end, 16 cm long
- Made of stainless steel
- Lacquered hardwood handle available separately (not pictured)

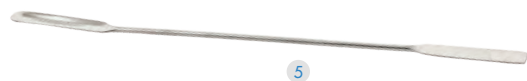
Code	Specs
CH0635A	Spatula - Scoop Type
CH0635B	Spatula Handle



Micro Spatula Spoon - Stainless Steel

- 23 cm long with one concave spoon end and one flat spatula end (30 x 8 mm)
- Handle diameter 4 mm
- Made of stainless steel

Code	Specs
CH0635C	Length - 23 cm



Micro Spatula Scoop - Stainless Steel

- 15 cm long with one concave scoop end and one flat spatula end
- Handle diameter 2 mm
- Made of stainless steel

Code	Specs
CH0635D	Length - 15 cm



Semi Micro Arrowhead Spatua - Stainless Steel Dual End

- 20 cm long with one flat blunt end and one flat tapered end
- Handle diameter 4 mm
- Made of stainless steel

Code	Specs
CH0635E 1	Length - 20 cm



Chattaway Spatula

- Traditional Chattaway spatula with one flat blunt end
- One rounded end with bent tip
- Made of polished stainless steel

Code	Specs
CH0636A	Length - 15 cm
CH0636B	Length - 20 cm
CH0636C 2	Length - 10 cm



Trowel Scoop - Stainless Steel, Dual End

- 17.5 cm long with two trowel shaped ends
- Larger is 22 mm wide and the smaller is 11 mm wide
- Made of stainless steel

Code	Specs
CH0639 3	Length - 17.5 cm



Palette Knife Spatula

- Flat, flexible metal blade with wooden handle

Code	Specs
CH0640 4	Palette Knife Spatula - 15 cm
CH0640B	Palette Knife Spatula - 10 cm
CH0640C	Palette Knife Spatula - 20 cm



Spatula & Scoops - Teflon Coated

- The Teflon coating is non-stick and resistant to most chemicals
- Items sold separately

Code	Specs
CH0632ATFC 5	Spatula spoon, wide handle - 15 cm long
CH0634TFC	Spatula, wide handle, dual end - 15 cm long
CH0635TFC 6	Micro spatula spoon - 23 cm long
CH0635ATFC	Scoop
CH0635ETFC	Semi micro arrowhead spatula, dual end - 20 cm long
CH0636ATFC	Chattaway spatula - 15 cm long
CH0636BTFC	Chattaway spatula - 20 cm long
CH0637TFC 7	Nuffield spatula





EISCO PREMIUM SPATULAS & SPOONS

- Research grade quality for industrial and academic labs
- Made of high quality 304 grade stainless steel
- Rust and corrosion free
- Perfect for every industry



1

Premium Double Sided Spoons - Wide Handle, Stainless Steel

- Wide handle, 15 cm long with a spoon on both ends
- Made of polished grade 304 stainless steel

Code	Length
CH0632FSUP	15 cm



2

Premium Double Sided Spatula - Wide Handle, Stainless Steel

- Wide handle with flat, blunt blades on both ends
- Made of polished grade 304 stainless steel

Code	Length
CH0634ASUP	12 cm
CH0634BSUP	15 cm



3



4

Premium Nuffield Spatula - Wide Handle, Stainless Steel

- Wide, raised handle
- 14 cm long with flat rounded spatula at one end
- A short angled rounded spatula at the other end
- Made of polished grade 304 stainless steel

Code	Length
CH0637SUP	14 cm



5

Premium Double Sided Micro Spatulas - Stainless Steel

- Double sided flat spatulas with one rounded and one blunt end
- Made of grade 304 stainless steel

Code	Length x Dia. Handle
CH0635HSUP	13 x 0.2 cm
CH0635ISUP	10 x 0.3 cm
CH0635JSUP	15 x 0.3 cm
CH0635KSUP	15 x 0.4 cm



6



7



8



Premium Double Sided Micro Spatula - Curved, Stainless Steel

- Double sided spatula with round curved blade at both ends
- Made of grade 304 stainless steel

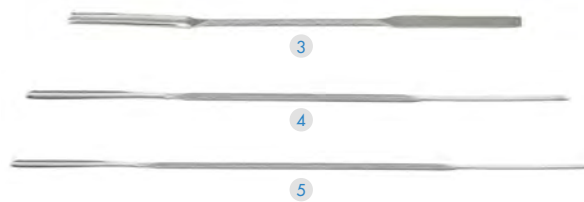
Code	Length x Dia. Handle
CH0635OSUP 1	13 x 0.5 cm
CH0635PSUP 2	21 x 0.5 cm



Premium Double Sided Micro Spatula Scoops - Stainless Steel

- Double sided spatula with flat blunt blade at one end
- Rounded scoop at the other end
- Made of grade 304 stainless steel

Code	Length x Dia. Handle
CH0635QSUP 3	13 x 0.4 cm
CH0635RSUP 4	150 x 0.4 cm
CH0635SSUP 5	18.5 x 0.4 cm



Premium Combustion Spoon - Stainless Steel

- Designed for use in test tubes
- Made of grade 304 stainless steel

Code	Length
CH0521SUP 6	21 cm



Premium Micro Spoon Spatula - Stainless Steel

- Double sided spatula spoon with flat blunt blade at one end
- Micro spoon at the other end
- Made of grade 304 stainless steel

Code	Length
CH0635TSUP 7	10 cm



Premium Fusion Spoon - Round Bottom, Stainless Steel with Wooden Handle

- Round bottom fusion spoon with wooden handle & 100 ml capacity
- Made of grade 304 stainless steel

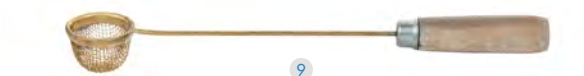
Code	Length
CH0736ESUP 8	7.5 cm



Premium Sodium Scoop - Brass with Wooden Handle

- Sodium spoon with 2 cm diameter brass basket
- Wooden handle

Code	Specs
CH0737BSUP 9	Length - 19 cm





EISCO PREMIUM LABORATORY JACKS

- Corrosion-resistant stainless steel
- Rugged construction
- Fast and easy adjustment
- Improved lift mechanism provides increased stability and torsional rigidity
- Precise height adjustment with a twist of the knob
- Gas springs to support loads
- Stainless steel mirror surface finish is easy to clean & sanitize
- Exceptional stability and durability
- Available in a range of sizes and load capacities





NEW



Eisco Premium Laboratory Jacks - Stainless Steel

Code	Dimensions	Max. Open Height	Top Plate	Weight	Max. Static Load
SSJCT10	14.5 x 7.5 x 4.5 cm	15 cm	8 x 7.3 cm	0.6 kg	3 kg
SSJCT20	23.5 x 13 x 6.5 cm	28 cm	16.5 x 13 cm	1.9 kg	5 kg
SSJCT30	25 x 20 x 7 cm	28 cm	20 x 20 cm	2.6 kg	5 kg
SSJCT40	25 x 30 x 6 cm	33 cm	25 x 25 cm	3.6 kg	5 kg
SSJCT50	35 x 30 x 8 cm	48 cm	30 x 30 cm	9.8 kg	12 kg
SSJCT60	45 x 30 x 8 cm	50 cm	40 x 40 cm	15 kg	15 kg



Laboratory Jacks - Standard

- Light weight steel construction with a screw operated mechanism that allows smooth, easy height adjustment

Code	Dimensions	Max. Opening Height	Top Plate	Weight	Max. Static Load
CH0642A ①	15 x 13 x 6 cm	23.5 cm	13 x 15 cm	1.6 kg	2 kg
CH0642B ②	20 x 20 x 7cm	30 cm	20 x 20 cm	3 kg	4 kg



Burette Clamps

- Spring loaded jaws made from high strength zinc die-cast alloy with non-toxic powdered coating
- Suitable for all burettes up to 100 ml
- Bosshead accommodates rods up to 16 mm dia

Code	Specs
CH0258A ③	Burette Clamp - Single
CH0258B ④	Burette Clamp - Double



Burette Clamps - Economy

- 3 prong vinyl coated clamp with in built bosshead suitable for all burettes up to 100 ml
- Made from die-cast metal
- Bosshead accommodates rods up to 16 mm dia

Code	Specs
CH0256A ⑤	Burette Clamp - Single
CH0256B ⑥	Burette Clamp - Double



Double Burette Clamp Support Stand with Rod

- This burette clamp with alloy jaws is suitable for all burettes upto 100 ml
- Supplied with a cast iron blue base
- Base is 7" wide X 13" long, weight 3 kg
- Stainless steel rod with dia 12 mm & length 60 cm

Code	Specs
CH2019004 ⑦	Double Burette Clamp Support Stand with Rod



Stands for Alcohol Burner

- Chrome plated steel wire construction
- Heavy wire gauge top
- Designed to accommodate most standard spirit lamps (not included)

Code		Specs
CH0643A	1	Stand for Alcohol Burner - Height 90 mm
CH0643B	2	Stand for Alcohol Burner - Two way - Height 125 mm



Stands for Alcohol Burner - Stainless Steel

- Stainless steel wire construction
- Heavy wire gauge top with ceramic center
- Designed to accommodate most standard spirit lamps (not included)

Code		Specs
CH0643C	3	Wire gauze burner stand with ceramic center - 9 cm
CH0643D		Wire gauze burner stand with ceramic center - 12.5 cm
CH0643E		Wire gauze burner stand with ceramic center - 11 cm



Tripod Stand - Circular

- Circular tripod stand made of sheet metal
- Stand is coated with non-toxic, chemical resistant powder
- For use with spirit lamps (not included)

Code		I.D.	Height
CH0643	4	9.5 cm	11 cm



Tripod Stands - Circular

- Circular tripod stand with zinc plated cast iron top
- Mild steel legs

Code		I.D.	Height
CH0644A	5	12 cm	21 cm
CH0644B	6	15 cm	21 cm





Tripod Stand - Circular with Removable Legs

- Cast iron circular tripod stand, with heat resistant painted top
- Removable legs for easy storage
- For use with spirit lamps (not included)

Code	I.D.	Height
CH0644SPL ¹	10.5 cm	21 cm



Tripod Stand - Triangular with Removable Legs

- Cast iron triangular tripod stand, with heat resistant painted top
- Removable legs for easy storage
- For use with spirit lamps (not included)

Code	Length of side	Height
CH0645ASPL ²	12 cm	21 cm
CH0645A	12 cm	21 cm
CH0645B	12 cm	21 cm



Tripod Stand - Triangular

- Triangular tripod stands are 20 cm tall
- Length of each side is 12.5 cm
- For use with spirit lamps (not included)

Code	Specs
CH0646A ³	Tripod Stand - Stainless Steel
CH0646B ⁴	Tripod Stand - Iron



Retort Stand Bases - Triangular 1

- Black cast iron base with three points for stability
- Tapped hole with 10 x 1.5 mm thread

Code	Specs	Radius	Weight
CH0648A	Medium	100 mm	800 g
CH0648B	Large	130 mm	1000 g
CH0648C	Extra Large	160 mm	1500 g



Deluxe Retort Stand Bases - Sheet Metal 2

- Pressed steel base, tapped hole with 10 x 1.5 mm thread in center of one short side
- Finished with chemical resistant blue paint & fitted with rubber feet

Code	Length	Width	Weight
CH0649A	16 cm	10 cm	750 g
CH0649B	20 cm	12.5 cm	1200 g
CH0649C	25 cm	16 cm	1800 g
CH0649D	30 cm	20 cm	2850 g



Retort Stand Base Metal Sheet Deluxe - Double Thread

- Pressed steel base with two tapped holes with 10 x 1.5 mm thread
- One tapped hole in center of short side, other in the center of base
- Finished in blue color and fitted with rubber feet

Code	Length	Width	Weight
CH196001 3	16 cm	10 cm	750 g
CH196002	20 cm	12.5 cm	1200 g
CH196003 4	25 cm	16 cm	1800 g



Rectangular Retort Stand Base - Stainless Steel

- Made of high quality stainless steel
- Corrosion resistant mirror surface finish
- Adjustable leveling screw
- Feature 10 x 1.5 threaded hole to accommodate various attachments

Code	Sizes
CH0654ASS 5	21 X 13 cm
CH0654BSS	25 X 16 cm
CH0654CSS 6	30 X 15 cm



**Premium Retort Stand Bases - Cast Iron 1**

- Heavy duty cast iron base designed with expanded feet for excellent stability
- Tapped hole with 10 x 1.5 mm thread in center of one short side
- Finished with chemical resistant blue paint

Code	Length	Width	Weight
CH0654F	16 cm	10 cm	900 g
CH0654G	21 cm	13.5 cm	1600 g
CH0654H	23.5 cm	16 cm	2400 g
CH0654I	28.5 cm	16 cm	2900 g

**'A' Shape Retort Stand Bases - Cast Iron with Leveling Screws**

- 'A' shape cast iron base, tapped hole with 10 x 1.5 mm thread in center
- Finished with chemical resistant paint and fit with leveling screws

Code	Side	Weight
CH0655A	25 cm	3.5 kg
CH0655B 2	25 cm	4.5 kg
CH0655C	25 cm	3.8 kg

**'A' Shape Retort Stand Bases - Cast Iron Nesting**

- 'A' shape cast iron base, tapped hole with 10 x 1.5 mm thread in center
- Finished with chemical resistant powder coat
- Bases can nest in one another for compact storage

Code	Side	Weight
CH0655E	18 cm	0.95 kg
CH0655F 3	22 cm	1.50 kg
CH0655G	28 cm	2.50 kg

**'H' Shape Retort Stand Base - Metal**

- 'H' shape metal retort stand base for use with rods 8-12 mm dia (not included)
- Finished in chemical resistant blue paint and fit with plastic ends

Code	Length	Width	Weight
CH0656 4	20 cm	20 cm	3 kg



Burette Support Stand - Cast Iron

- Heavy duty cast iron base designed for use with a double burette holder (not included)
- Tapered hole with 10 x 1.5 mm thread in center of one long side
- Finished with chemical resistant blue paint

Code	Length	Width	Weight
CH0656A ¹	13 cm	7 cm	3 kg



Steel Rods ²

- Made of high quality steel
- Threaded end (10 x 1.5 mm) fits in all Eisco bases

Code	Length	Dia.
CH0657A	50 cm	12 mm
CH0657B	60 cm	12 mm
CH0657C	75 cm	12 mm
CH0657D	100 cm	12 mm



Aluminium Rods ³

- A range of aluminium rods with (10 x 1.5 mm) threading for use with Eisco bases

Code	Length	Dia.
CH0658A	50 cm	12 mm
CH0658B	60 cm	12 mm
CH0658C	75 cm	12 mm
CH0658D	100 cm	12 mm



Stainless Steel Rods ⁴

- A range of stainless steel rods with (10 x 1.5 mm) threading for use with Eisco bases
- Made of grade 202 stainless steel

Code	Length	Dia.
CH0659A	50 cm	12 mm
CH0659B	60 cm	12 mm
CH0659C	75 cm	12 mm
CH0659D	100 cm	12 mm





Retort Stand Sets - Value

- Includes a pressed steel base with 10 x 1.5 mm threaded hole in the center of one short side
- Steel rod with 10 x 1.5 mm thread
- Base finished with chemical resistant blue paint

Code	Base	Rod length	Rod Dia.
STDRD 1	12.5 x 20 cm	60 cm	12 mm
STDRDVL02	10 x 16 cm	50 cm	12 mm
STDRDVL03	16 x 25 cm	75 cm	12 mm



Retort Stand Sets - Superior

- Includes a heavy pressed steel base with rubber feet and 10 x 1.5 mm threaded hole in the center of one short side
- A steel rod with 10 x 1.5 mm thread
- Base finished with chemical resistant blue paint

Code	Base	Rod length	Rod Dia.
STDRD1 2	12.5 x 20 cm	60 cm	12 mm
STDRDSP02	10 x 16 cm	50 cm	12 mm
STDRDSP03	16 x 25 cm	75 cm	12 mm



Retort Stand Sets - Cast Iron

- Includes a cast iron base with 10 x 1.5 mm threaded hole in the center of one short side
- Steel rod with 10 x 1.5 mm thread
- Base finished with chemical resistant blue paint

Code	Base	Rod length	Rod Dia.
CH0653ARD1 3	10 x 16 cm	50 cm	11 mm
CH0653BRD2	12.5 x 20 cm	50 cm	11 mm
CH0653D1RD3	16 x 23 cm	60 cm	11 mm
CH0653E1RD4	16 x 28 cm	90 cm	12.5 mm



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Retort Stand Sets - Stainless Steel

- Includes stainless steel base with 10 x 1.5 mm threaded hole
- Stainless steel rod with 10 x 1.5 mm thread
- Base fitted with adjustable levelling screw
- Complete non-ferrous construction

Code		Base	Rod Length	Rod Dia.
CH0654ASSRD1	1	21 X 13 cm	60 cm	12 cm
CH0654BSSRD2		25 X 16 cm	60 cm	12 cm
CH0654BSSRD3		25 X 16 cm	75 cm	12 cm
CH0654CSSRD4	2	30 X 15 cm	100 cm	12 cm



Retort Stand Sets - Double Thread

- Includes heavy pressed base with two tapped hole with 10 x 1.5 mm thread
- One tapped hole in center of short side, other in center of base
- Base finished in blue colour and fitted with rubber feet
- Steel rods with 10 x 1.5 mm thread

Code		Base	Rod length	Rod Dia.
STDRD1DTH	3	12.5 X 20 cm	60 cm	12 mm
STDRDSP02DTH	4	10 X 16 cm	50 cm	12 mm
STDRDSP03DTH		16 X 25 cm	75 cm	12 mm



'A' Shaped Retort Stand Sets

- Included cast iron A-shaped base with 10 x 1.5 mm threaded base
- Steel rod with 10 x 1.5 mm thread
- Base finished with chemical resistant blue paint

Code		Base	Rod length	Rod Dia.
STDRDAB01		'A' base, side 18 cm	50 cm	12 mm
STDRDAB02		'A' base, side 22 cm	60 cm	12 mm
STDRDAB03	5	'A' base, side 28 cm	75 cm	12 mm





Closed Support Rings 1

- Closed ring made of plated mild steel

Code	I.D. of Ring	Length of Stem
CH0668A	5 cm	14 cm
CH0668B	7.5 cm	14 cm
CH0668C	10 cm	14 cm
CH0668D	15 cm	14 cm



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Closed Support Rings with Bossheads 2

- Stainless steel ring with integrated stem
- Bosshead fitted with thumb screw
- Accepts rods upto 16 mm in diameter
- 14 cm from center of support to center of ring

Code	Inner Dia.
CH0672ASS	5 cm
CH0672BSS	7.5 cm
CH0672CSS	10 cm



Closed Support Rings with Bossheads - Zinc Plated 3

- Zinc plated cast iron ring with integrated stem
- Distance is 12 cm from center of support to center of the ring
- Fitted with thumb screws
- Accepts rods upto 16 mm in diameter

Code	Inner Dia.
CH0674A	5 cm
CH0674B	7.5 cm
CH0674C	10 cm
CH0674D	12.5 cm
CH0674E	15 cm



METALWARE SETS

Practical For All Laboratories

- Perfect for a wide variety of experiments and lab procedures
- Suitable for industrial, academic and research laboratories
- Heavy bases and high quality rods and clamps provide excellent stability

Metalware Set - Premium

MTST1 1

Includes:		
Code	Item	Qty
CH0652B	Steel base, 20 x 12.5 cm, 800 g	1
CH0657B	Steel rod, 60 cm	1
CH0663A	Bosshead	1
CH0682	Cork lined 4 prong clamp	1
CH0672D	Support ring, 75 mm outer dia.	1



Metalware Set - Deluxe

MTST5 2

Includes:		
Code	Item	Qty
CH0649B	Steel base, 20 x 12.5 cm, 1200 g	1
CH0657B	Steel rod, 60 cm	1
CH0672D	Support ring, 75 mm outer dia.	1
CH0688	Vinyl coated 3 prong clamp with bosshead	1





1

Metalware Set - Superior

MTST6 ¹

Includes:

Code	Item	Qty
CH0654B	Steel base, 25 x 16 cm, 2000 g	1
CH0659B	Stainless steel rod, 60 cm	1
CH0663D	Bosshead	1
CH0676A	Vinyl coated 3 prong clamp	1
CH0674A	Support ring, 75 mm inner dia.	1
CH0674C	Support ring, 100 mm inner dia.	1



2

Retort Stand and Ring Set

CH0652BR8 ²

Includes:

Code	Item	Qty
CH0652B	Steel base, 20 x 12.5 cm, 800 g	1
CH0659A	Stainless steel rod, 50 cm.	1
CH0674B	Support ring, 75 mm inner dia.	1
CH0674C	Support ring, 100 mm inner dia.	1
CH0674D	Support ring, 125 mm inner dia.	1



Chemistry Lab Starter Set

MTST7

Includes:

Code	Item	Qty
CH0649C	Steel base, 25 x 16 cm, 1800 g	1
CH0659C	Stainless steel rod, 75 cm	1
CH0258B	Double burette clamp	1
CH0674B	Support ring 75 mm inner dia.	1
CH0674C	Support ring 100 mm inner dia.	1
CH0675B	Vinyl coated 2 prong clamp with bosshead	1
CH0676A	Vinyl coated 3 prong clamp	1
CH0665A	Bosshead	1
CH0645SPL	Tripod stand	1
CH0993NG	NextGen bunsen burner, Natural Gas	1
CH0100E	Rubber tubing	1
CH0525B	Wire gauze with ceramic center, 150 mm	1



Lab Essential Kit - Superior

LABKIT

Includes:		
Code	Item	Qty
CH0649B	Steel retort base, 20 x 12.5 cm, 1200g	1
CH0657B	Steel rod, 60 cm	1
BKTG	Beaker tongs	1
CH0729B	Crucible tongs	1
CH0644SPL	Tripod stand	1
CH0525A	Wire gauze with ceramic center	1
CH0672D	Support ring, 75 mm inner dia	1
CH0258B	Double burette clamp	1
CH0730	Test tube holder	1
CH0713A	Test tube rack, 'Z' shape	1
CH0204G	Test tube brush	1
CH0632B	Wide handle spatula/spoon	1
CH0663A	Bosshead	1
CH0682	Cork lined 4 finger clamp	1



Laboratory Tool Set - Basic

LABTS

Includes:		
Code	Item	Qty
CH0730	Test tube holder	1
CH0632B	Spatula	1
CH0729B	Crucible tongs	1
CH0290A	Mohr clip	1
CH0204G	Test tube brush	1
BI0168A	Forceps	1
PH007201AC	Acrylic ruler, 150 mm	1





NEW

Ultimate Lab Starter Kit - 69 Piece

ULTLABKIT

Includes:

- Steel retort base with rubber feet, 20 x 12.5 cm
- Stainless steel rod, 60 cm
- Beaker tongs
- Crucible tongs
- Tripod stand
- Bosshead
- Test tube clamp
- Sheet metal test tube rack
- Burette clamp double
- Wire gauge
- Retort ring 75 mm with bosshead
- Cork lined test tube holder
- Test tube brush
- Stainless steel wide handle spatula/spoon
- 2 x Polypropylene graduated cylinders, 100 ml
- 2 x Polypropylene beakers, 500 ml
- Acrylic burette, 50 ml
- Glass filter flask, 250 ml
- Cleaning/drying basket 14 x 21 x 11 cm
- 48 x Glass test tubes 20 ml



EISCO PREMIUM TONGS & HOLDERS

- Research grade quality for academic, research and industrial applications
- Made of high quality 304 grade stainless steel
- Rust and corrosion resistant

Premium Mercury Tongs - Stainless Steel

- 304 grade stainless steel tongs
- Designed for safe handling of mercury globules
- Length 22.5 cm

Code	Specs
CH0736BSUP 1	Premium Mercury Tongs - Stainless Steel, 22.5 cm



Crucible Tongs - Straight, Stainless Steel

- 304 grade stainless steel straight crucible tongs
- Flat hinge

Code	Specs
CH0734ESUP	15 cm
CH0734FSUP 2	20 cm



Premium Crucible Tongs - Stainless Steel, with Bow

- 304 grade stainless steel crucible tongs with looped handles
- Bowed jaws with flat ends

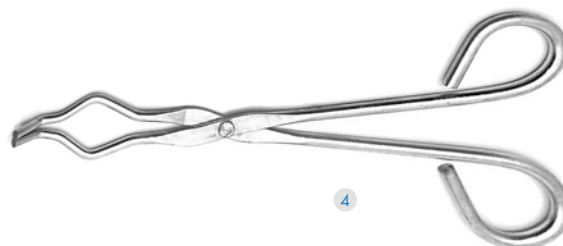
Code	Specs
CH0735ESUP	15 cm
CH0735FSUP 3	20 cm

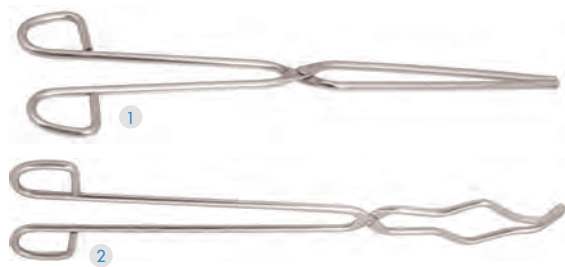


Crucible Tongs with Bow- Straight, Serrated Tips - Metal, 9.5 inches long

- General purpose, Zn plated steel tongs with bow
- Useful for grasping hot crucibles, evaporating dishes or small flasks and beakers
- Tongs measure 9.5 inch

Code	Specs
CH0729B 4	Crucible Tongs with Bow- Straight, Serrated Tips

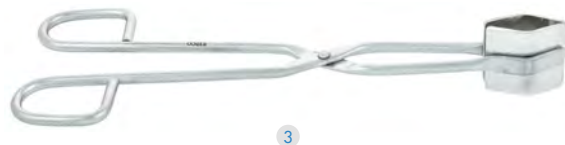




Crucible Tongs - Extra long

- Stainless steel, tongs with looped handles
- Large handles for furnace use

Code	Type	Length
CH0732A 1	Straight	30 cm
CH0732B 2	Bow Type	30 cm
CH0732C	Bow Type	40 cm



Premium Flask Tongs - Stainless Steel, Angular

- 304 grade stainless steel flask tongs
- Angular jaws for secure grip
- 22 cm length

Code	Specs
CH0733BSUP 3	Premium Flask Tongs - Stainless Steel, 22 cm



Tong Flask Safety

- Stainless steel with cork lined rectangular jaws giving an extremely firm grip to flasks of any shape from 100 - 2000 ml
- Overall length 30 cm

Code	Specs
CH0740 4	Tongs Flask Safety



Beaker Tongs - Standard

- For handling beakers from 50 to 2000 ml capacity
- Made of nickelplated steel wire
- Overall length 23 cm
- Maximum jaw opening is 15 cm
- PVC coated jaws

Code	Specs
BKTG 5	Beaker Tongs
BKTGSS	Beaker Tongs - Stainless Steel



Premium Beaker Tongs - Stainless Steel

- 304 grade stainless steel beaker tong
- Looped handles to ensure firm grip
- 31 cm length

Code	Specs
CH0738CSUP 6	Premium Flask Tongs - Stainless Steel, 31 cm



Premium Test Tube Clamp - Stainless Steel

- 304 grade stainless steel test tube clamp
- Accepts all test tubes sizes
- 13 cm length

Code	Specs
CH0730CSUP 1	Premium Test Tube Clamp - Stainless Steel, 13 cm



Premium Test Tube Clamp - Stainless Steel

- 304 grade stainless steel test tube clamp
- Accepts all test tubes sizes
- 15 cm length

Code	Specs
CH0730DSUP 2	Premium Test Tube Clamp - Stainless Steel, 15 cm



Test Tube Holder - Vinyl coated

- Stainless steel test tube holder with strong spring clip and wooden handle
- Accepts 15-25 mm test tubes

Code	Specs
CH0728B 3	Test Tube Holder - Stainless Steel



Test Tube Rack - Epoxy Coated Steel Wire, 20 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 20 test tubes (18-20 mm dia.)
- 4 x 5 row configuration

Code	Specs
CH182015A 4	Test Tube Rack - Epoxy Coated Steel Wire, 20 Tubes



Test Tube Rack - Epoxy Coated Steel Wire, 24 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 24 test tubes (15-16 mm dia.)
- 4 x 6 row configuration

Code	Specs
CH182015B 5	Test Tube Rack - Epoxy Coated Steel Wire, 24 Tubes





Test Tube Rack - Epoxy Coated Steel Wire, 40 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 40 test tubes (18-20 mm dia.)
- 4 x 10 row configuration

Code	Specs
CH182015C	1 Test Tube Rack - Epoxy Coated Steel Wire, 40 Tubes



Test Tube Rack - Epoxy Coated Steel Wire, 40 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 40 test tubes (20-22 mm dia.)
- 4 x 10 row configuration

Code	Specs
CH182015D	2 Test Tube Rack - Epoxy Coated Steel Wire, 40 Tubes



Test Tube Rack - Epoxy Coated Steel Wire, 36 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 36 test tubes (10-13 mm dia.)
- 6 x 6 row configuration

Code	Specs
CH182015E	3 Test Tube Rack - Epoxy Coated Steel Wire, 36 Tubes



Test Tube Rack - Epoxy Coated Steel Wire, 72 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 72 test tubes (15-16 mm dia.)
- 6 x 12 row configuration

Code	Specs
CH182015F	4 Test Tube Rack - Epoxy Coated Steel Wire, 72 Tubes



Test Tube Rack - Epoxy Coated Steel Wire, 80 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 80 test tubes (18-20 mm dia.)
- 8 x 10 row configuration

Code	Specs
CH182015G	1 Test Tube Rack - Epoxy Coated Steel Wire, 80 Tubes

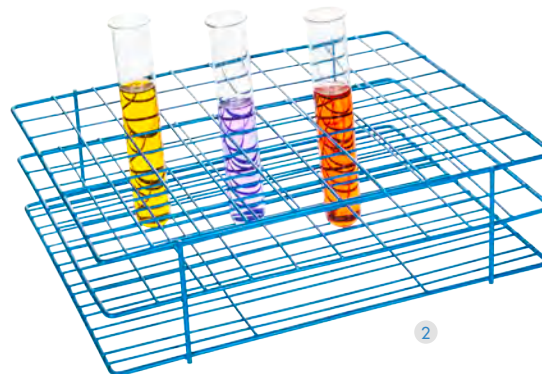


1

Test Tube Rack - Epoxy Coated Steel Wire, 80 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 80 test tubes (22-25 mm dia.)
- 8 x 10 row configuration

Code	Specs
CH182015H	2 Test Tube Rack - Epoxy Coated Steel Wire, 80 Tubes

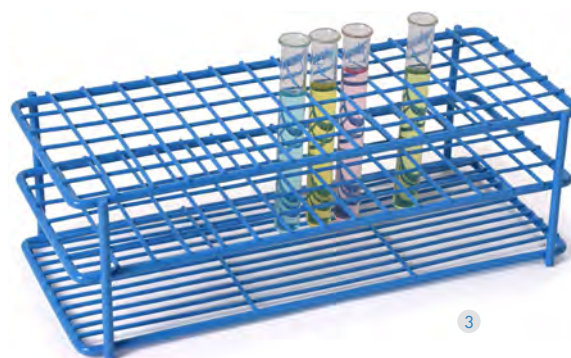


2

Test Tube Rack - Epoxy Coated Steel Wire, 90 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 90 test tubes (10-12 mm dia.)
- 6 x 15 row configuration

Code	Specs
CH182015I	3 Test Tube Rack - Epoxy Coated Steel Wire, 90 Tubes

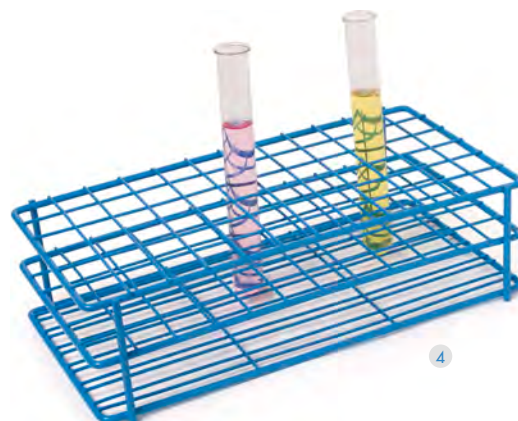


3

Test Tube Rack - Epoxy Coated Steel Wire, 72 Tubes

- Epoxy-coated, steel wire test tube rack
- Resists most solvents, weak acids & bases
- Withstands temperatures up to 121°C
- Holds up to 72 test tubes (16-18 mm dia.)
- 6 x 12 row configuration

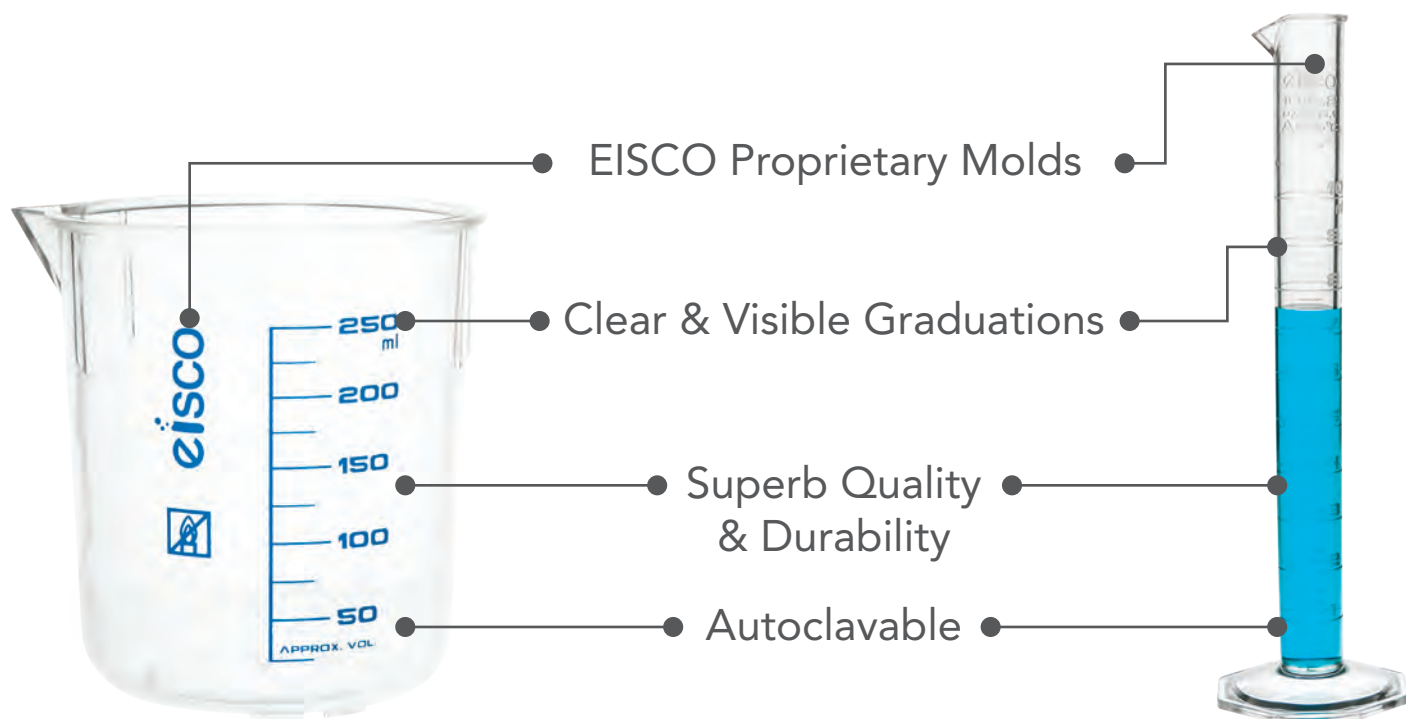
Code	Specs
CH182015J	4 Test Tube Rack - Epoxy Coated Steel Wire, 72 Tubes



4

EISCO PREMIUM PLASTICWARE

- Manufactured with high quality polymers
- Great chemical and heat resistance, autoclavable at 121°C
- Class-A and Class-B certified options available



Crystal clear graduations using newly developed intellectual property, materials and molds.



Technical guide for use of different plasticware products

Physical properties & chemical resistance of plastics

Polypropylene, PP

- Translucent rigid polymer
- Temperature range -20 to +135°C
- Autoclavable at 121°C
- Good to excellent chemical resistance
- Resistant to fatigue, making it tough
- Typically used for beakers, bottles, cylinders, funnels, jugs, etc.



Polytetrafluoroethylene, PTFE

- Opaque rigid polymer
- Wide temperature range -200 to +260°C
- Autoclavable at 121°C
- Unrivalled resistance to almost all chemicals
- Extremely low friction coefficient
- Typically used for EISCO stopcocks in burettes



Low Density Polyethylene, LDPE

- Translucent flexible polymer
- Narrow temperature range of -50 to +80°C
- Not autoclavable at 121°C
- Good to excellent chemical resistance
- Robust and virtually unbreakable
- Typically used for wash bottles



Polymethylmethacrylate, Acrylic (PMMA)

- Transparent rigid polymer
- Narrow temperature range -60 to +50°C
- Not autoclavable at 121°C
- Moderate chemical resistance
- Very tough and high clarity
- Typically used for radiation shields



High Density Polyethylene, HDPE

- Translucent rigid polymer
- Broad temperature range of -100 to +120°C
- Not autoclavable at 121°C
- Good to excellent chemical resistance
- High tensile strength making it very tough
- Typically used for bottles



Polystyrene, PS

- Transparent rigid polymer
- Narrow temperature range -40 to +90°C
- Not autoclavable at 121°C
- Moderate chemical resistance
- Brittle yet has excellent clarity
- Typically used for container ware



Polymethylpentene, PMP (TPX)

- Transparent rigid polymer
- Broad temperature range -180 to +145°C
- Autoclavable at 121°C
- Good to excellent chemical resistance
- Has a low density and a high clarity
- Typically used for beakers and cylinders



Polycarbonate, PC

- Transparent rigid polymer
- Broad temperature range -135 to +135°C
- Autoclavable at 121°C
- Moderate chemical resistance
- High impact strength
- Typically used for safety shields



**Private label and OEM options on bulk orders available,
please contact us for more details.**



1

Beaker - Polypropylene, Low Form 1

- Low form polypropylene beaker with spout
- Moulded graduations
- Autoclavable at 121°C

Code	Capacity	Graduations
CH0137	25 ml	5 ml
CH0137A	50 ml	5 ml
CH0137B	100 ml	5 ml
CH0137C	250 ml	10 ml
CH0137D	500 ml	10 ml
CH0137E	1000 ml	20 ml
CH0137F	2000 ml	50 ml
CH0137G	5000 ml	200 ml
CH0137H	Set of 5 - 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml	



2

Beaker - Polypropylene, Low Form, Printed 2

- Low form polypropylene beaker with spout
- Easy to read chemical resistant printed graduations
- Autoclavable at 121°C

Code	Capacity	Graduations
ECH0139BPR	100 ml	10 ml
ECH0139CPR	250 ml	25 ml
ECH0139DPR	600 ml	50 ml
ECH0139EPR	1000 ml	50 ml
ECH0139FPR	2000 ml	100 ml
ECH0139GPR	5000 ml	500 ml



3

Beaker - TPX, Low Form, Printed 3

- Low form TPX (PMP) beaker with spout
- Easy to read chemical resistant printed graduations
- Autoclavable at 121°C

Code	Capacity	Graduations
CH0138BPR	100 ml	10 ml
CH0138CPR	250 ml	25 ml
CH0138DPR	600 ml	50 ml
CH0138EPR	1000 ml	50 ml
CH0138FPR	2000 ml	100 ml
CH0138GPR	5000 ml	500 ml



Reagent Bottles - Polypropylene

- Polypropylene reagent bottles with leak proof screw top
- Narrow and wide neck options available
- Autoclavable at 121°C

Narrow Neck	Wide Neck	Capacity
CH0170AN	-	4 ml
CH0170BN	-	8 ml
CH0170CN	-	15 ml
CH0170DN	CH0170DW	30 ml
CH0172AN ¹	CH0172AW	60 ml
CH0172BN	CH0172BW	125 ml
CH0172CN	CH0172CW ²	250 ml
CH0172DN	CH0172DW	500 ml
CH0172EN	CH0172EW ³	1000 ml



Reagent Bottles - Narrow Mouth, HDPE Natural

- Made from durable, high quality high density polyethylene (HDPE)
- Rigid & translucent
- Leak proof screw cap with seal

Narrow Mouth	Capacity
CH0173A ⁴	4 ml
CH0173B	8 ml
CH0173C	15 ml
CH0173D	30 ml
CH0173E	60 ml
CH0173F	125 ml
CH0173G	250 ml
CH0173H	500 ml
CH0173I	1000 ml



Reagent Bottles - Narrow Mouth, HDPE Amber ⁵

- Made from durable, high quality amber high density polyethylene (HDPE)
- Suitable for use with light sensitive reagents
- Rigid & opaque
- Leak proof screw cap with seal

Narrow Mouth	Capacity
CH0173AAM	4 ml
CH0173BAM	8 ml
CH0173CAM	15 ml
CH0173DAM	30 ml
CH0173EAM	60 ml
CH0173FAM	125 ml
CH0173GAM	250 ml
CH0173HAM	500 ml
CH0173IAM	1000 ml





Reagent Bottles - Wide Mouth, HDPE Natural

- Made from durable high quality high density polyethylene (HDPE)
- Rigid & translucent
- Leak proof screw cap with seal

Wide Mouth	Capacity
CH0174A	30 ml
CH0174B	60 ml
CH0174C	125 ml
CH0174D ¹	250 ml
CH0174E	500 ml
CH0174F	1000 ml



Reagent Bottles - Wide Mouth, HDPE Amber

- Made from durable high quality amber high density polyethylene (HDPE)
- Suitable for use with light sensitive reagents
- Rigid & opaque
- Leak proof screw cap with seal

Wide Mouth	Capacity
CH0174AAM	30 ml
CH0174BAM ²	60 ml
CH0174CAM	125 ml
CH0174DAM	250 ml
CH0174EAM	500 ml
CH0174FAM	1000 ml



Reagent Bottles - LDPE, Narrow Neck

- Made from high quality low density polyethylene (LDPE)
- Multicolor cap for easy identification
- Translucent and flexible

Narrow Neck	Capacity	Pack Size
CH5001 ³	125 ml	6
CH5002	250 ml	6
CH5003 ⁴	500 ml	6
CH5004	1000 ml	6



Reagent Bottles - LDPE, Wide Neck

- Made from high quality low density polyethylene (LDPE)
- Multicolor cap for easy identification
- Translucent and flexible

Narrow Neck	Capacity	Pack Size
CH5012 ⁵	250 ml	6
CH5013 ⁶	500 ml	6
CH5014	1000 ml	6



Reagent Bottles, Wide Neck - HDPE

- Made from high quality high density polyethylene (HDPE)
- Wide mouth design
- Rigid and translucent
- Easy to read printed graduations
- Leak proof screw cap

Code	Capacity	Graduations
CH200271 ¹	500 ml	50 ml
CH200272 ²	1000 ml	100 ml



Wide Mouth Square Bottles ³

- Made from high quality polypropylene
- White and opaque, will protect contents from light
- Wide mouth design with screw cap
- Moulded depressions provide a firm grip while holding the bottle
- Autoclavable at 121°C

Code	Capacity	Specs.
CH196010	4000 ml	Wide mouth square bottle



Heavy Duty Vacuum Bottle ⁴

- Made from high quality polypropylene
- White and opaque, will protect contents from light
- Features thick walls that can withstand repeated vacuum suction
- Screw cap
- Autoclavable at 121°C

Code	Capacity	Specs.
CH196011	2000 ml	Heavy Duty Vacuum Bottle



Carboy Bottles

- Made of high quality polypropylene
- Includes screw cap and integrated handles
- Autoclavable at 121°C

Code	Capacity
CH0065A ⁵	10 Ltr.
CH0065B	20 Ltr.



Carboy Bottles with Stopcock

- Made of high quality polypropylene
- Includes screw cap, integrated handles and stopcock
- Autoclavable at 121°C

Code	Capacity
CH0177A ⁶	10 L
CH0177B	20 L





Performance Plastic Wash Bottles - Wide Neck

- Easy to read labels, including specific chemical information and safety warnings
- Color-coded screw caps for easy identification
- Made with high-quality, low-density polyethylene (LDPE)
- Performance plastic - thin wall design provides easy to control dispensing with smooth bounce back, won't get stiff over time
- Innovative Flex-Ink - labels won't fade, crack or peel
- Each bottle features a two-piece construction, consisting of the bottle and leak-proof cap with built-in nozzle
- Wide mouth for easy refilling
- Self-venting design to eliminate leaks and dripping



Performance Plastic Wash Bottles - Wide Neck, 1 Colour

Code (PK1)	Code (PK2)	Code (PK6)	Capacity	Chemical
CHWB1010	CHWB1010PK2	CHWB1010PK6	500 ml	Acetone
CHWB1013	CHWB1013PK2	CHWB1013PK6	1000 ml	Acetone
CHWB1019	CHWB1019PK2	CHWB1019PK6	500 ml	Distilled Water
CHWB1022	CHWB1022PK2	CHWB1022PK6	1000 ml	Distilled Water
CHWB1028	CHWB1028PK2	CHWB1028PK6	500 ml	Isopropanol
CHWB1031	CHWB1031PK2	CHWB1031PK6	1000 ml	Isopropanol
CHWB1037	CHWB1037PK2	CHWB1037PK6	500 ml	Ethanol
CHWB1040	CHWB1040PK2	CHWB1040PK6	1000 ml	Ethanol
CHWB1046	CHWB1046PK2	CHWB1046PK6	500 ml	Sodium Hypochlorite
CHWB1049	CHWB1049PK2	CHWB1049PK6	1000 ml	Sodium Hypochlorite
CHWB1061	CHWB1061PK2	CHWB1061PK6	500 ml	Methanol
CHWB1062	CHWB1062PK2	CHWB1062PK6	1000 ml	Methanol



Performance Plastic Wash Bottles - Wide Neck, 2 Colour

Code (PK1)	Code (PK2)	Code (PK6)	Capacity	Chemical
CHWB1011	CHWB1011PK2	CHWB1011PK6	500 ml	Acetone
CHWB1014	CHWB1014PK2	CHWB1014PK6	1000 ml	Acetone
CHWB1020	CHWB1020PK2	CHWB1020PK6	500 ml	Distilled Water
CHWB1023	CHWB1023PK2	CHWB1023PK6	1000 ml	Distilled Water
CHWB1029	CHWB1029PK2	CHWB1029PK6	500 ml	Isopropanol
CHWB1032	CHWB1032PK2	CHWB1032PK6	1000 ml	Isopropanol
CHWB1038	CHWB1038PK2	CHWB1038PK6	500 ml	Ethanol
CHWB1041	CHWB1041PK2	CHWB1041PK6	1000 ml	Ethanol
CHWB1047	CHWB1047PK2	CHWB1047PK6	500 ml	Sodium Hypochlorite
CHWB1050	CHWB1050PK2	CHWB1050PK6	1000 ml	Sodium Hypochlorite
CHWB1056	CHWB1056PK2	CHWB1056PK6	500 ml	Methanol
CHWB1059	CHWB1059PK2	CHWB1059PK6	1000 ml	Methanol



Performance Plastic Wash Bottles - Wide Neck, 4 Colour

Code (PK1)	Code (PK2)	Code (PK6)	Capacity	Chemical
CHWB1012	CHWB1012PK2	CHWB1012PK6	500 ml	Acetone
CHWB1015	CHWB1015PK2	CHWB1015PK6	1000 ml	Acetone
CHWB1021	CHWB1021PK2	CHWB1021PK6	500 ml	Distilled Water
CHWB1024	CHWB1024PK2	CHWB1024PK6	1000 ml	Distilled Water
CHWB1030	CHWB1030PK2	CHWB1030PK6	500 ml	Isopropanol
CHWB1033	CHWB1033PK2	CHWB1033PK6	1000 ml	Isopropanol
CHWB1039	CHWB1039PK2	CHWB1039PK6	500 ml	Ethanol
CHWB1042	CHWB1042PK2	CHWB1042PK6	1000 ml	Ethanol
CHWB1048	CHWB1048PK2	CHWB1048PK6	500 ml	Sodium Hypochlorite
CHWB1051	CHWB1051PK2	CHWB1051PK6	1000 ml	Sodium Hypochlorite
CHWB1057	CHWB1057PK2	CHWB1057PK6	500 ml	Methanol
CHWB1060	CHWB1060PK2	CHWB1060PK6	1000 ml	Methanol



Performance Plastic Wash Bottles - Wide Neck, No Label

Code (PK1)	Code (PK2)	Code (PK6)	Capacity
CHWB1001	CHWB1001PK2	CHWB1001PK6	250 ml
CHWB1002	CHWB1002PK2	CHWB1002PK6	500 ml
CHWB1003	CHWB1003PK2	CHWB1003PK6	1000 ml



Performance Plastic Wash Bottles - Wide Neck, Blank

Code (PK1)	Code (PK2)	Code (PK6)	Capacity
CHWB1004	CHWB1004PK2	CHWB1004PK6	250 ml
CHWB1005	CHWB1005PK2	CHWB1005PK6	500 ml
CHWB1006	CHWB1006PK2	CHWB1006PK6	1000 ml





Wash bottles - Narrow Neck, Colored Top

- LDPE wash bottles with leak proof narrow neck
- Non flexible delivery tube, translucent

Code	Capacity	Pack Size
ECH0171A	125 ml	6
ECH0171B	250 ml	6
ECH0171C	500 ml	6
ECH0171D	1000 ml	6



Wash bottles - Wide Neck, Colored Top

- LDPE wash bottles with leak proof wide neck
- Non flexible delivery tube, translucent

Code	Capacity	Pack Size
ECH0173A	250 ml	6
ECH0173B	500 ml	6
ECH0173C	1000 ml	6



Wash bottles - Narrow Neck

- LDPE wash bottles with leak proof narrow neck
- Non flexible delivery tube, translucent

Narrow Neck	Capacity
ECH0181A	125 ml
ECH0181B	250 ml
ECH0181C	500 ml
ECH0181D	1000 ml



Wash bottles - Wide Neck

- LDPE wash bottles with leak proof narrow neck
- Non flexible delivery tube, translucent

Wide Neck	Capacity
ECH0181AW	125 ml
ECH0181BW	250 ml
ECH0181CW	500 ml
ECH0181DW	1000 ml



Wash Bottles - Economy

- Made of high quality low density polyethylene LDPE
- The cap is fitted with a flexible polyethylene delivery tube which can be aimed wherever required
- Translucent and flexible

Code	Capacity
ECH0180A	125 ml
ECH0180B ¹	250 ml
ECH0180C ²	500 ml
ECH0180D	1000 ml



Wash Bottles

- Made of high quality polyethylene
- These bottles are graduated on the outer surface to give an approximate idea about the volume of solution filled or dispensed
- Translucent and unbreakable

Code	Capacity
CH0178A	125 ml
CH0178B ³	250 ml
CH0178C ⁴	500 ml
CH0178D	1000 ml



Dropping Bottles - LDPE, Euro Design

- LDPE dropping bottles with screw cap
- Attached cap, captive spout, translucent

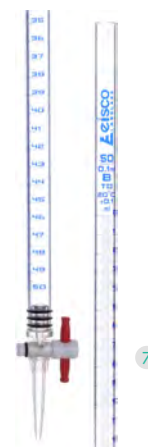
Code	Capacity
CH0182A ⁵	15 ml
CH0182B	30 ml
CH0182C	60 ml
CH0182D	125 ml
CH0182E ⁶	250 ml

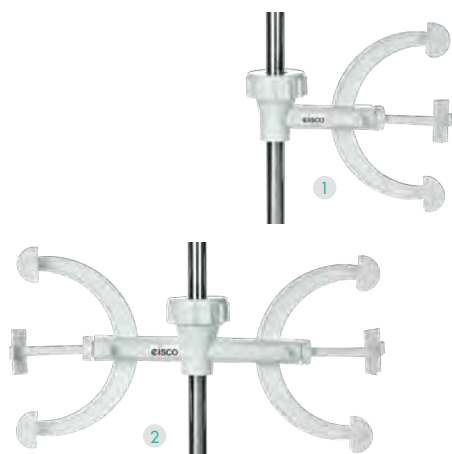


Burettes - Acrylic ⁷

- Transparent acrylic body & chemical resistant blue printed graduations
- Leak-proof PTFE key stopcock

Code	Capacity	Sub. Div.	Tolerance \pm
CH0233A	25 ml	0.10 ml	0.10 ml
CH0233B	50 ml	0.10 ml	0.10 ml
CH0233C	Spare stopcock for above (Pk. of 5)		





Burette Clamps - Polypropylene

- Polypropylene burette clamp with a spring loaded jack in the middle to provide secure grip on burette
- Two tapered wedges are also provided to ensure firm grip on rods
- For use with 10 mm or 12.5 mm rods

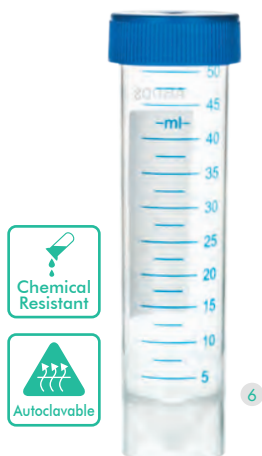
Code	Specs
CH0262A	1 Burette Clamp - Single
CH0262B	2 Burette Clamp - Double



Conical Centrifuge Tubes - Polypropylene

- Polypropylene conical centrifuge tubes
- Leak proof screw cap
- Printed graduations
- Autoclavable at 121°C

Code	Capacity	Type	Height	O.D.
CH0270A	15 ml	Clear	120 mm	17 mm
CH0270B	50 ml	Clear	116 mm	29 mm
CH0270C	15 ml	Amber	120 mm	17 mm
CH0270D	50 ml	Amber	116 mm	29 mm
CH0270G	15 ml- sterilized	Clear	120 mm	17 mm
CH0270H	50 ml- sterilized	Clear	116 mm	29 mm
CH0270I	15 ml- sterilized	Amber	120 mm	17 mm
CH0270J	50 ml- sterilized	Amber	116 mm	29 mm



Conical Centrifuge Tubes - Polypropylene, Self Standing

- Polypropylene self standing conical centrifuge tubes
- Leak proof with screw cap
- Printed graduations
- Autoclavable at 121°C

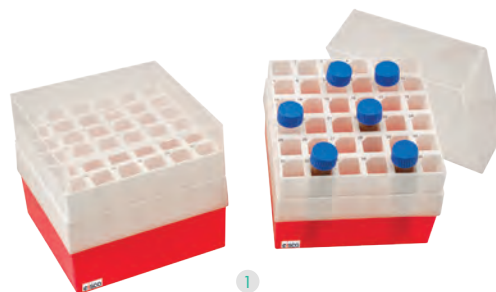
Code	Capacity	Height	O.D.
CH0271A	50 ml	118 mm	29 mm
CH0271B	50 ml - Sterilized	118 mm	29 mm



Centrifuge Tube Storage Box with Lid

- Indexed grid, transparent lid
- Temperature range is -90°C to 121°C & autoclavable

Code	Capacity	Specs
CH0272A ¹	15 ml	36 Tubes (6 X 6)
CH0272B	50 ml	16 Tubes (4 X 4)



Centrifuge Tube Racks - ABS

- Easy to assemble racks, snap together easily and securely
- Can hold 30 x 15 ml and 20 x 50 ml tubes
- Alphanumeric index for easy tube identification, not autoclavable

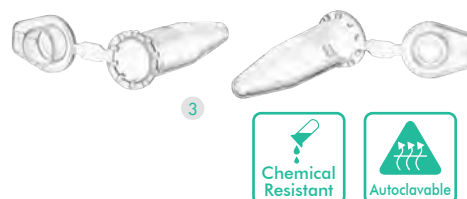
Code	Capacity
CTACK20 ²	30 x 15 ml tubes, 20 x 50 ml tubes



Microcentrifuge Tubes

- Polypropylene with attached leak proof snap lid
- Conical bottom
- Autoclavable at 121°C

Code	Capacity	O.D.	Height
CH0284A ³	0.5 ml capacity, Pack of 1000	10 mm	31.5 mm
CH0284B	1.5 ml capacity, Pack of 500	13 mm	41 mm
CH0284BB	2 ml capacity, Pack of 500	13 mm	41 mm



PCR Tubes

- Polypropylene with ultra thin walls
- Attached leak proof snap lid
- Conical bottom
- Autoclavable at 121°C

Code	Specs
CH0289A ⁴	0.2 ml - Clear Flat Cap, Pack of 1000





Microcentrifuge Tube Rack



PCR Tubes

- Polypropylene, ultra thin walls
- Strip of 8 connected tubes with attached leak proof snap lids
- Conical bottom
- Autoclavable at 121°C

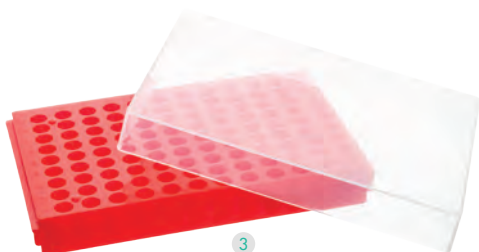
Code	Specs
CH0289B	0.2 ml, Pack of 120 strips



Floating Microcentrifuge Tube Rack

- Polypropylene rack with raised alphanumeric index on top
- Can accommodate 16 microcentrifuge tubes & floats
- Central handle for easy lifting
- Autoclavable at 121°C

Code	Capacity	Holes
CH0285	1.5 ml	16



Dual Sided Microcentrifuge Tube Rack with Lid

- Dual sided polypropylene rack with alpha-numerical index and transparent polycarbonate lid
- One side can accommodate up to 108 1.5 ml tubes
- The other side can accommodate up to 108 0.5 ml tubes
- Autoclavable at 121°C

Code	Specs
CH0286	108 x 1.5 ml tubes or 108 x 0.5 ml tubes



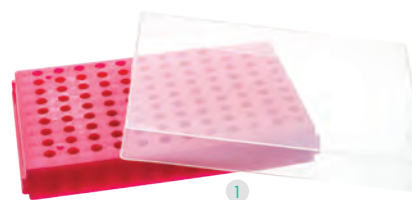
Over 5,000 SKUs
in Stock



PCR Tube Rack with Lid

- Single sided polypropylene rack with alpha-numeric index and transparent polycarbonate lid
- Can accommodate up to 96 0.2 ml PCR tubes
- Compatible with multichannel micropipettes
- Autoclavable at 121°C

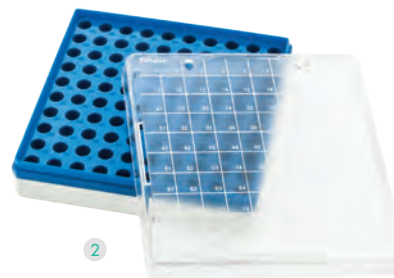
Code	Capacity	Holes
CH0287 1	0.2 ml	96



Microcentrifuge Tube Storage Box with Lid

- Polycarbonate box and transparent lid with numbered grid
- Temperature range -190°C to 121°C
- Autoclavable at 121°C

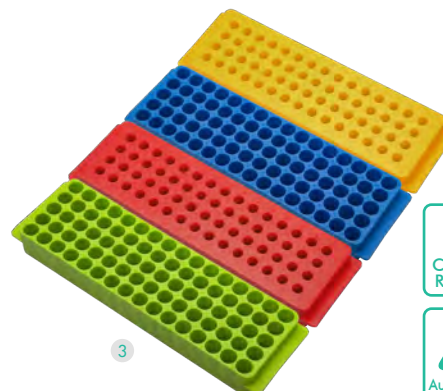
Code	Capacity	Holes
CH0288A	0.5 ml	100
CH0288B 2	1.5 ml	64



Reversible Microtube Rack

- Made of polypropylene
- Holds up to 60 x 0.5 ml tubes on one side
- Holds up to 80 x 1.5 ml or 2.0 ml tubes on other side
- Autoclavable at 121°C

Code	Capacity
CH200509 3	60 x 0.5 ml 80 x 1.5 ml or 2.0 ml



Microcentrifuge Tube Racks - Polycarbonate, Stackable

- Polycarbonate microcentrifuge tube rack for use with 1.5 ml microcentrifuge tubes
- Stackable
- Alphanumeric index
- Autoclavable at 121°C

Code	Specs
CH0711C 4	Microcentrifuge Tube Rack, 24 x 1.5 ml tubes
CH0711D	Microcentrifuge Tube Rack, 48 x 1.5 ml tubes





EISCO PREMIUM GRADUATED CYLINDERS

- Research grade quality for academic and industrial labs
- Made from premium quality polypropylene & TPX
- Clear, easy to read moulded graduations
- High clarity
- Certified Class-A and Class-B for accuracy
- Superb quality and durability
- Autoclavable



Graduated Cylinders - Polypropylene, Class-B, Octagonal Base ¹

- Single piece polypropylene graduated cylinder with easy to read moulded graduations
- Octagonal base for stability
- Calibrated to Class-B tolerances
- Autoclavable at 121°C

Code	Capacity	Graduation
CH0354AES	10 ml	0.2
CH0354BES	25 ml	0.5
CH0354CES	50 ml	1.0
CH0354DES	100 ml	1.0
CH0354EES	250 ml	2.0
CH0354FES	500 ml	5.0
CH0354GES	1000 ml	10.0



Graduated Cylinders - TPX, Class-B, Octagonal Base ²

- Single piece TPX graduated cylinder with easy to read moulded graduations
- Octagonal base for stability
- Calibrated to Class-B tolerances
- Autoclavable at 121°C

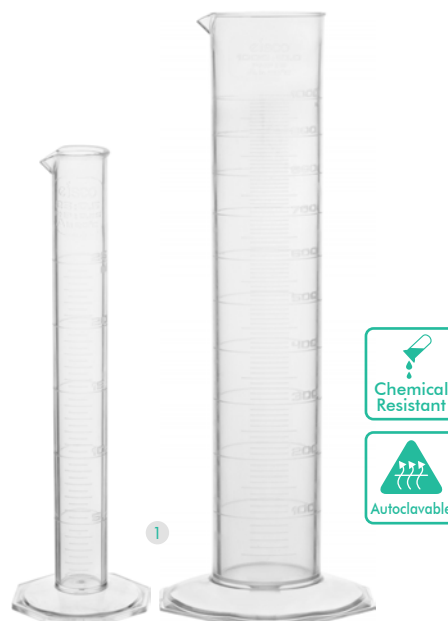
Code	Capacity	Graduation
CH0354I	10 ml	0.2 ml
CH0354J	25 ml	0.5 ml
CH0354K	50 ml	1.0 ml
CH0354L	100 ml	1.0 ml
CH0354M	250 ml	2.0 ml
CH0354N	500 ml	5.0 ml
CH0354O	1000 ml	10.0 ml



Graduated Cylinders - TPX, Class-A, Octagonal Base 1

- Single piece TPX graduated cylinder with easy to read moulded graduations
- Octagonal base for stability
- Calibrated to Class-A tolerances
- Autoclavable at 121°C

Code	Capacity	Graduation
CH0354P	10 ml	0.2 ml
CH0354Q	25 ml	0.5 ml
CH0354R	50 ml	1.0 ml
CH0354S	100 ml	1.0 ml
CH0354T	250 ml	2.0 ml
CH0354U	500 ml	5.0 ml
CH0354V	1000 ml	10.0 ml



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Conical Measures - Polypropylene, Hexagonal Base

- Polypropylene conical measures with spout
- Moulded graduations and hexagonal base for stability
- Autoclavable at 121°C

Code	Capacity	Graduation
CH0355A	12 ml	1 ml
CH0355B	25 ml	1 ml
CH0355C	50 ml	2 ml
CH0355D 2	125 ml	5 ml
CH0355E	200 ml	5 ml





Filtrating Flasks - Polypropylene

- Made of high quality polypropylene
- Moulded in one piece
- 45° angled side tubulation prevents tipping
- Ungraduated
- Side tubulation accepts 1/4" to 3/8" ID tubing
- Autoclavable at 121°C

Code	Capacity
CH0423A ¹	500 ml
CH0423B	1000 ml



Conical Flasks - Polypropylene

- Made of high quality polypropylene
- Rigid and translucent
- Ungraduated
- Autoclavable at 121°C

Code	Capacity
CH0431F ²	100 ml
CH0431G	250 ml
CH0431H	500 ml



Graduated Conical Flasks- Polypropylene with screw cap

- Made of high quality polypropylene
- Leak proof screw cap with built in seal ring
- Loosen cap before autoclaving
- Easy to read chemical resistant printed graduations
- Autoclavable at 121°C

Code	Capacity
CH5041 ³	100 ml
CH5042	250 ml
CH5043	500 ml



Measuring Jugs - Polypropylene

- Polypropylene measuring jugs with thumb grip handle
- Drip free spout easy to read moulded graduations
- Autoclavable at 121°C

Code	Capacity	Graduation
CH0356A	250 ml	10 ml
CH0356B	500 ml	10 ml
CH0356C	1000 ml	10 ml
CH0356D ¹	2000 ml	20 ml



Measuring Jugs - Polypropylene, EURO Design

- Polypropylene short form measuring jugs with thumb grip handle
- Drip free long spout easy to read moulded graduations
- Autoclavable at 121°C

Code	Capacity	Graduation
CH0356E	500 ml	10 ml
CH0356F ²	1000 ml	10 ml
CH0356G	2000 ml	20 ml
CH0356H	3000 ml	20 ml
CH0356I	5000 ml	50 ml



Measuring Jug - Polypropylene, Printed Graduations

- Polypropylene short form transparent measuring jugs with thumb grip handle
- Features drip free spout and easy, chemical resistant printed graduations
- Autoclavable at 121°C

Code	Capacity	Graduation
CH0357A	100 ml	10 ml
CH0357B	250 ml	25 ml
CH0357C	600 ml	50 ml
CH0357D ³	1000 ml	50 ml
CH0357E	2000 ml	100 ml
CH0357F	5000 ml	500 ml



Measuring Jugs - TPX, Printed Graduations

- TPX short form transparent measuring jugs with thumb grip handle
- Features drip free spout and easy to read, chemical resistant printed graduations
- Autoclavable at 121°C

Code	Capacity	Graduation
CH0357I	100 ml	10 ml
CH0357J ⁴	250 ml	25 ml
CH0357K	600 ml	50 ml
CH0357L	1000 ml	50 ml
CH0357M	2000 ml	100 ml
CH0357N	5000 ml	500 ml





Desiccators - Plain

- Desiccator with polypropylene base
- Transparent polycarbonate flange without stopcock
- Grease must be applied to the flange to obtain an airtight seal
- Autoclavable at 121°C

Code	Base I.D.	Flange O.D.
CH0364A ¹	150 mm	171 mm
CH0364B	200 mm	232 mm
CH0364C	240 mm	276 mm
CH0364D	300 mm	340 mm



Desiccators - Vacuum

- Desiccator with polypropylene base
- Transparent polycarbonate flange with an internal groove holding a silicon rubber O-ring
- Polypropylene stopcock fitted with a self lubricating PTFE plug
- The plug can be used for creating, shutting off and releasing the vacuum
- Can hold a vacuum up to 740 mm Hg for 24 hrs
- Autoclavable at 121°C

Code	Base I.D.	Flange O.D.
CH0366A	150 mm	171 mm
CH0366B	200 mm	232 mm
CH0366C	240 mm	276 mm
CH0366D ²	300 mm	340 mm



Desiccator - Vacuum, Transparent

- Desiccator with transparent polypropylene base and flange
- Flange includes an internal groove holding a silicon rubber O-ring
- Polypropylene stopcock fitted with a self lubricating PTFE plug
- The plug can be used for creating, shutting off and releasing the vacuum
- Can hold a vacuum up to 740 mm Hg for 24 hrs
- Autoclavable at 121°C

Code	I.D.	Flange O.D.
CH0367A	150 mm	171 mm
CH0367B	200 mm	232 mm
CH0367C ³	240 mm	276 mm
CH0367D	300 mm	340 mm



Petri Dishes - Polypropylene, Reusable, Non Sterile

- Clear, shatter resistant polypropylene petri dishes
- Autoclavable at 121°C

Code		Outer Dia.
CH0372A	1	50 mm
CH0372B		75 mm
CH0372C		100 mm
CH0372D		125 mm
CH0372E		150 mm



Petri Dishes - Polystyrene, Disposable, Sterile

- Clear, polystyrene petri dishes
- Tripple vented & nontoxic
- Individually packaged in polyethylene bags & radiation sterilized

Code		Dia. x Height
CH0374A		90 mm x 14 mm
CH0374B	2	60 mm x 15 mm
CH0374C		35 mm x 15 mm



Petri Dishes - Polyesterene, Disposable, Partitioned, Sterile

- Clear, polystyrene petri dishes
- Individually packed and radiation sterilized
- Ideal for use with different media, comparative study
- Tripple vented & nontoxic

Code		I.D.	Height	Compartment
CH0375A		90 mm	15.80	2
CH0375B	3	60 mm	15.80	3



Petri Dish Racks

- Clear acrylic rack with white polycarbonate posts, can hold 60 mm and 90 mm petri dishes
- Can be used during inoculation, incubation and storage
- Easy plate accessibility and visibility enables the cultures to be seen and checked during incubation

Code		Specs
CH0376A	4	Rack for 90 mm Petri Dishes
CH0376B		Rack for 60 mm Petri Dishes



**Volumetric Flasks - Polypropylene**

- Polypropylene volumetric flasks caps
- Individually calibrated graduation line
- Calibrated to class-B tolerances
- Exposure to temperature above 60°C may affect accuracy

Code	Capacity
CH0452A	25 ml
CH0452B	50 ml
CH0452C	100 ml
CH0452D	250 ml
CH0452E ¹	500 ml
CH0452F	1000 ml

**Filter Funnels - Polypropylene**

- Made of high quality polypropylene
- 60° angled side walls with internal ribs
- External ribs to prevent air locks
- Autoclavable at 121°C

Code	Dia.	Stem Length
CH0454A	50 mm	50 mm
CH0454B	62 mm	62 mm
CH0454C ²	75 mm	76 mm
CH0454D	100 mm	80 mm
CH0454E	150 mm	110 mm

**Powder Funnels - Polypropylene**

- Made from high quality polypropylene
- Used for transferring powdered reagents
- Short and parallel stem minimizes bridging of powder
- Externally ribbed to prevent air locks
- Autoclavable at 121°C

Code	Capacity
CH0457A	65 mm
CH0457B ³	80 mm
CH0457C	100 mm
CH0457D	150 mm



Filter Funnels - Polypropylene with handle

- Made from high quality polypropylene
- Features handle for ease of use
- Short and tapered stem
- Autoclavable at 121°C

Code	Capacity
CH0455A ¹	20 cm
CH0455B	25 cm



Buchner Funnels - Polypropylene

- Two piece polypropylene Buchner funnel
- Stem with angled cut
- Top portion can be fitted on the lower portion forming a vacuum seal which does not require greasing
- Base of top portion has a perforated filter plate
- Autoclavable at 121°C

Code	Dia.	Stem Length
CH0464A	70 mm	60 mm
CH0464B ²	110 mm	85 mm
CH0464C	90 mm	65 mm



Funnel Holders - Polypropylene

- Can hold funnels with 3" - 6" dia. or 1" - 3" with the extra plate provided.
- Two tapered wedges are also provided to ensure firm grip on rods having 9.5mm or 13mm dia.

Code	Specs
CH0467 ³	Funnel Holder - Single
CH0467B	Funnel Holder - Double



Separatory Funnel Holder - Polypropylene

- Polypropylene separatory funnel holder with a front opening that allows unobstructed placement of separating funnel and a clear view of its contents
- Two tapered wedges are provided to ensure firm grip on rods having 9.5 mm or 13 mm dia

Code	Specs
CH0468 ⁴	Separatory Funnel Holder - Polypropylene





Separating Funnel - Polypropylene With Screw Cap

- Polypropylene separating funnel with excellent clarity and strength
- Leak proof threaded screw cap
- Fitted polypropylene stopcock with self lubricating PTFE plug
- Autoclavable at 121°C

Code	Capacity
CH0480A	100 ml
CH0480B ¹	250 ml
CH0480C	500 ml

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Weighing Scoops - Polypropylene ²

- Polypropylene weighing scoops
- Autoclavable at 121°C
- Economical alternative to metal weighing scoops
- Flat bottom allow scoop to sit upright when filling or weighing

Code	Capacity
CH0461A	2 ml
CH0461B	5 ml
CH0461C	10 ml
CH0461D	25 ml
CH0461E	50 ml
CH0461F	100 ml
CH0461G	250 ml
CH0461H	500 ml
CH0461I	1000 ml



Pneumatic Troughs - Polypropylene

- Made of high quality and chemical resistant polypropylene
- Can be used for storage, sterilizing & drying labware
- Autoclavable at 121°C

Code	Diameter	Height
CH0505A	6 cm	18 cm
CH0505B	10 cm	20 cm
CH0505C ³	10 cm	25 cm



Pipette Stand - Vertical

- Polypropylene vertical pipette stand with adjustable disks to accommodate a variety of pipette lengths
- The top disk secures the pipette while the lower disk has pilot holes where the pipette rests and allows excess liquid to drain down to the base
- Hold upto 28 pipettes with maximum dia. 14mm

Code	Specs
CH0594	1 Pipette Stand - Vertical



1

Pipette Stand - Rotary

- Polypropylene pipette stand can hold up to 94 pipettes & rotates on a vertical axis.
- The lower rotating disc has four concentric troughs with tapered sides.
- Open bottom cradles the pipette tips while allowing excess water to drain.
- Stand can be easily assembled & disassembled.
- Autoclavable at 121°C

Code	Specs
CH0595	2 Pipette Stand - Rotary



2



Pipette Box

- Made of polypropylene
- Designed to hold pipettes of various lengths
- Used for storage as well as sterilization
- Autoclavable at 121°C

Code	Specs
CH0596	3 Pipette Box



3



Stand for Nessler Cylinder - Polypropylene

- Made of high quality polypropylene
- Chemical and corrosion resistant
- Reflective bottom surface
- Autoclavable at 121°C

Code	Capacity x Hole
CH196012	4 50 ml x 6
CH196013	100 ml x 6

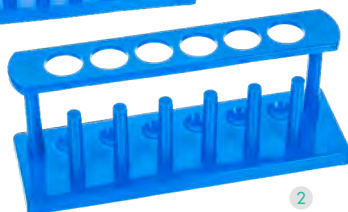


4





Test Tube Racks



Test Tube Racks - Polypropylene, Blue

- Made of high quality polypropylene
- 6 place with drying pins
- Autoclavable at 121°C

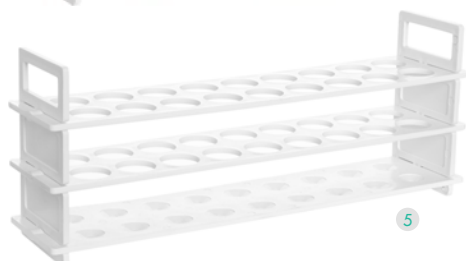
Code	Specs
CH0694A ¹	2 x 25 mm tubes, 4 x 16 mm tubes
CH0694B ²	6 x 25 mm tubes



Test Tube Rack - Round, Polypropylene

- 12 place round polypropylene test tube rack
- Can hold up to 4 x 25 mm tubes and 8 x 19 mm tubes
- Includes 16 vertical pins for drying tubes and a trough to catch drippings
- Autoclavable at 121°C

Code	Specs
CH0697 ³	Test Tube Rack - Round, Polypropylene



Test Tube Racks - 3-Tier, White Polypropylene

- White polypropylene test tube racks
- 3 tier design to ensure secure tube fit
- Autoclavable at 121°C

Code	Specs
CH0708A ⁴	31 x 13 mm Tubes
CH0708B	31 x 16 mm Tubes
CH0708C	20 x 20 mm Tubes
CH0708D	12 x 25 mm Tubes
CH0708E	18 x 25 mm Tubes
CH0708F	12 x 32 mm Tubes
CH0708G	36 x 25 mm Tubes
CH0708H ⁵	18 x 13 mm Tubes
CH0708I	15 x 18 mm Tubes
CH0708J	18 x 12 mm Tubes
CH0708K	13 x 62 mm Tubes
CH0708L	16 x 62 mm Tubes
CH0708M	20 x 40 mm Tubes



Test Tube Racks - Clear Polypropylene, 3-Tier

- Clear polypropylene test tube racks provide clear view of tube contents
- 3-tiers to ensure secure tube fit
- Autoclavable at 121°C

Code	Specs
CH0709A	31 x 13 mm Tubes
CH0709B ¹	16 x 13 mm Tubes
CH0709C	20 mm x 20 Tubes
CH0709D	25 mm x 12 Tubes
CH0709E	13 mm x 62 Tubes
CH0709F	16 mm x 62 Tubes
CH0709G ²	20 mm x 40 Tubes
CH0709H	25 mm x 24 Tubes
CH0709I	25 mm x 18 Tubes
CH0709J	25 mm x 36 Tubes
CH0709K	32 mm x 12 Tubes



Test Tube Racks - White Polypropylene, Stackable

- White polypropylene test tube racks with 3-tiers to ensure a secure tube fit
- Stackable when empty
- Autoclavable at 121°C

Code	Specs
CH0710A ³	90 x 13 mm Tubes
CH0710B	60 x 16 mm Tubes
CH0710C	40 x 20 mm Tubes
CH0710D	24 x 25 mm Tubes
CH0710E	21 x 30 mm Tubes



Test Tube Racks - Polypropylene, Moulded

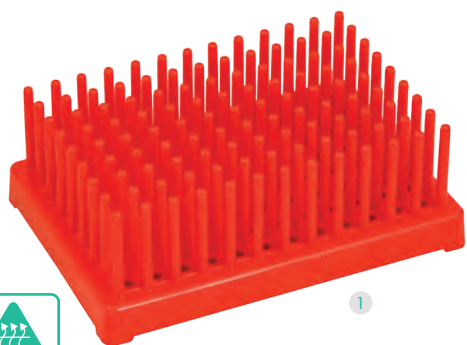
- One piece moulded test tube racks with three tier grid design
- 3-Tier to ensure secure tube fit
- Autoclavable at 121°C

Code	Specs
CH0710F ⁴	36 x 13 mm Tubes
CH0710G ⁵	36 x 16 mm Tubes





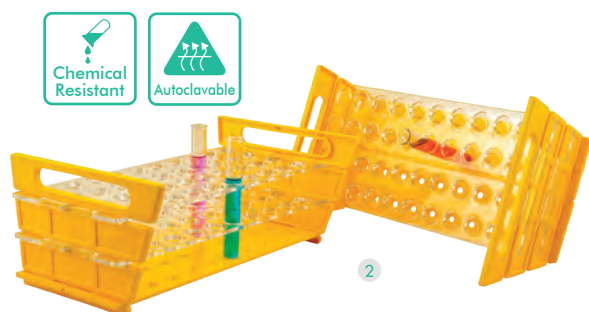
Test Tube Racks



Test Tube Peg Racks

- Place tubes upright between pegs or inverted for drying purposes
- Can also be used to hold electrophoresis and chromatography plates
- Holes in bottom of rack to promote air flow
- Autoclavable at 121°C

Code	Specs
CH0711B1	96 x 13 mm tubes (upright)
CH0711B2	50 x 16 mm tubes (upright)



Test Tube Slant Racks - Polypropylene

- Slant racks allow 5° or 20° slant when rack is set down on either side
- Perfect for autoclaving tubes of agar while upright, then set on bench at desired angle to cool so agar will solidify with a consistent slant
- Also useful for incubating liquid cultures on a slant
- Autoclavable at 121°C

Code	Specs
CH0712A	40 x 20 mm tubes
CH0712B	36 x 25 mm tubes



Universal Multi-Tube Rack

- Polypropylene tube rack
- Each of the four sides accommodate different sized tubes: 30mm x 8, 20mm x 20, 16mm x 24, 12mm x 40
- Autoclavable at 121°C

Code	Specs
CH0711A	Universal Multi-Tube Rack



Rotatable Multi-Tube Rack

- Polypropylene multi-tube rack is a combination of four modules that can be rotated in different directions to accommodate different types and sizes of tubes at the same time
- Each module can accommodate 2 x 50 ml, 6 x 20 ml, 8 x 15 ml, or 10 x 12 mm tubes
- Autoclavable at 121°C

Code	Specs
CH0712C 1	Rotatable Multi Tube Rack



Microcentrifuge Tube Rack - Polypropylene, Folding

- Polypropylene microcentrifuge tube rack for use with 1.5 ml microcentrifuge tubes
- Stackable and/or fold flat when empty
- Alphanumeric grid
- Autoclavable at 121°C

Code	Specs
CH0711E 2	Microcentrifuge Tube Rack, 100 x 1.5 ml tubes

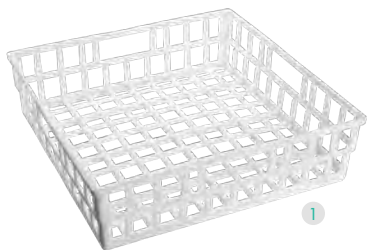


Test Tube Baskets - Polypropylene

- Made of high grade polypropylene
- Compact storage of test tubes and general labware
- Unbreakable and non corrosive
- Ideal for rinsing and draining
- Autoclavable at 121°C

Code	Specs
CH0707A 3	14 x 12 x 11 cm
CH0707B	16 x 16 x 16 cm
CH0707F 4	11 x 12 x 15 cm with cover
CH0707G	18 x 17 x 16 cm with cover
CH0707H	23 x 23 x 23 cm with cover





Draining Basket - Polypropylene

- Polypropylene break resistant basket
- Perfect for draining labware after washing or autoclaving
- Size 400 x 400 x 110 mm
- Autoclavable at 121°C

Code	Specs
CH0707C 1	Draining Basket - 400 x 400 x 110 mm



Instrument Tray with Cover - Polypropylene

- This autoclavable tray includes a secure fitted cover
- Smaller size can be used to sterilize small instruments
- Larger sizes allows pipettes to be fully immersed in disinfectant prior to sterilizing
- Autoclavable at 121°C

Code	Specs
BII97001 2	Instrument Tray - 220 X 150 X 70 mm
BII97002 3	Instrument Tray - 450 X 150 X 70 mm



Laboratory Tray - Polypropylene

- Made of high grade polypropylene
- Multipurpose, can be used for storage, sterilizing and more
- Broad lip for easy carrying
- Chemical and temperature resistant
- Autoclavable at 121°C

Code	Specs
BI0189A 4	Laboratory Tray - 45 x 35 x 7.5 cm
BI0189B	Laboratory Tray - 37.5 x 30 x 7.5 cm
BI0189C	Laboratory Tray - 35 x 27.5 x 7.5 cm



Utility Tray - Polypropylene

- Made of polypropylene
- Can be used for storage, sterilizing and more
- Autoclavable at 121°C

Code	Specs
BI0190 5	Utility Tray - 37.5 x 35 x 13 cm
BI0190A	Utility Tray - 54 x 43.5 x 13 cm
BI0190B	Utility Tray - 36 x 31 x 13 cm



Tubing Connectors - Polypropylene, T & Y Shaped

- Polypropylene tubing connectors
- Allow 3 way connections
- Refilled ends help secure tubing
- Autoclavable at 121°C

Code	Specs
CH0765A	T Connector - 8 mm
CH0765B	Y Connector - 8 mm
CH0765C	T Connector - 6 mm
CH0765D	Y Connector - 6 mm
CH0765E ¹	T Connector - 10 mm
CH0765F	Y Connector - 10 mm



Tubing Connectors - Polypropylene, L Shaped

- Polypropylene tubing connectors
- Allow 2 way connections
- Refilled ends help secure tubing
- Autoclavable at 121°C

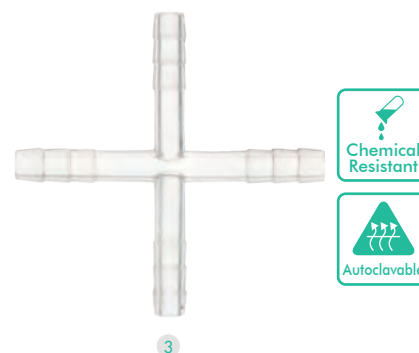
Code	Specs
CH0765H	L Connector - 6 mm
CH0765I ²	L Connector - 8 mm
CH0765J	L Connector - 10 mm



Tubing Connectors - Polypropylene, Cross

- Polypropylene tubing connectors
- Allow 4 way connections
- Refilled ends help secure tubing
- Autoclavable at 121°C

Code	Specs
CH0765EC	Cross Connector - 6 mm
CH0765FC ³	Cross Connector - 8 mm
CH0765GC	Cross Connector - 10 mm



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HIGH PERFORMANCE MICROPIPETTES

- Full Range of Volumes from 0.1 μ l - 10 ml.



Soft & light weight operation



Calibration conforms to DIN 12650 & EN-ISO 8655 standards ensuring high accuracy & precision.



Click stop volume adjustment with easy to read digits

CALIBRATION REPORT
ENCLOSED WITH
EVERY MICROPIPETTE



Color coded plungers for easy identification

Ergonomic, soft touch tip ejector

- minimize hand fatigue
- reduce thumb stress

Slip resistant TPE body grip (Thermo plastic elastomer)

- Minimum transfer of body heat to the micropipette resulting in high accuracy even with continuous use
- Increased comfort with prolonged use

Fully autoclavable



Durable and autoclavable PVDF tip cone



Variable Volume - Micropipettes

Code	Vol. Range (μ l)	Increments (μ l)
VVM1	0.1 - 2.5	0.01
VVM2 ¹	0.5 - 10	0.10
VVM3	5 - 50	0.50
VVM4	50 - 200	1.0
VVM5	200 - 1000	5.0
VVM6 ²	10 - 100	0.50
VVM7	100 - 1000	5.0
VVM8	2 - 20	0.10
VVM9	20 - 200	1.0
VVM10	1000 - 5000	50
VVM11	500 - 5000	50
VVM12	1000 - 10000	100
VVM13	500 - 10000	100



Fixed Volume - Micropipettes

Code	Volume (µl)
FVM01	2.5
FVM02	5
FVM03	10
FVM04	20
FVM05	25
FVM06	50
FVM07	100
FVM08	200
FVM09 ¹	250
FVM10	500
FVM12	1000
FVM13	2000
FVM14 ²	5000
FVM15	10000



Micropipette Stand ³

Code	Specs.
CH200531	Stand for 4 Micropipettes
CH200532	Stand for 6 Micropipettes



Bottle Top Dispenser ⁴

- Simple, user friendly instrument suitable for most laboratory applications
- Smooth, effortless plunger movement and bubble free dispensing
- Discharge tube with 360° rotation makes dispensing in multiple vessels convenient
- Safety locks prevents accidental flow of reagents
- Telescopic filling tube compatible with 170mm - 300mm reagent bottles
- Each instrument is individually calibrated in ISO 17025 accredited laboratory in accordance with ISO 8655 standards and comes with individual calibration certificate

Code	Vol. Range (µl)	Increments (µl)
CH0904A	0.25-2.5 ml	0.05 ml
CH0904C	1-10 ml	0.20 ml
CH0904E	5-60 ml	1.00 ml
CH0904B	0.5-5 ml	0.10 ml
CH0904D	2.5-30 ml	0.50 ml
CH0904F	10-100 ml	2.0 ml





Micropipette Tips - Bulk

- Made of virgin medical grade polypropylene
- Free from lubricants, dyes and heavy metals
- DNase, RNase and polygon free
- Precisely centered orifice for directional accuracy
- Perfect airtight grip on pipette
- Autoclavable at 121°C

Code	Specs.
CH0587A ①	0.2 - 10 µl - Pack of 1000
CH0587B	2 - 200 µl - Pack of 1000
CH0587C	200 - 1000 µl - Pack of 500
CH0587C01 ②	1250 µl - Pack of 500
CH0587D	5000 µl - Pack of 100
CH0587E	10,000 µl - Pack of 100



Micropipette Tips - Racked ③

- Made of virgin medical grade polypropylene
- Free from lubricants, dyes and heavy metals
- DNase, RNase and polygon free
- Precisely centered orifice for directional accuracy
- Perfect airtight grip on pipette
- Supplied in autoclavable plastic rack with hinged lid
- Autoclavable at 121°C

Code	Sterilized	Specs.
CH0587F	CH0587F-ST	0.2 - 10 µl - Pack of 96
CH0587G	CH0587G-ST	2 - 200 µl - Pack of 96
CH0587I	CH0587I-ST	300µl - Pack of 96
CH0587J	CH0587J-ST	200 - 1000 µl - Pack of 96
CH0587K	CH0587K-ST	1250 µl - Pack of 96



Micropipette Tips Low Retention, Bulk

- Made of virgin medical grade polypropylene
- Free from lubricants, dyes and heavy metals
- DNase, RNase and polygon free
- Modified internal surface to provide a low level of friction/sample retention
- Precisely centered orifice for directional accuracy
- Perfect airtight grip on pipette
- Autoclavable at 121°C

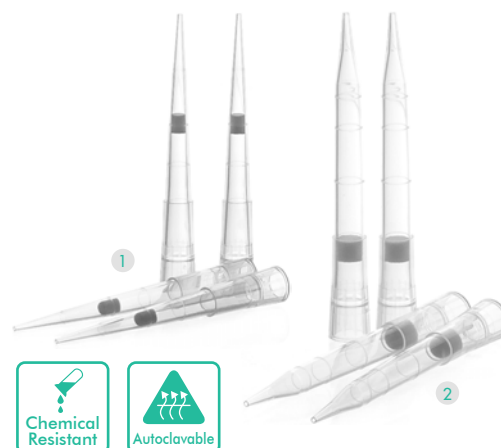
Code	Specs.
CH0591A	0.2 - 10 µl - Pack of 1000
CH0591B ④	2 - 200 µl - Pack of 1000
CH0591D	200 - 1000 µl - Pack of 1000



Micropipette Tips - Filtered, Bulk

- Made of virgin medical grade polypropylene
- Free from lubricants, dyes and heavy metals
- DNase, RNase and polygon free
- Contain hydrophobic polyethylene filter to protect samples and micropipette from cross contamination
- Precisely centered orifice for directional accuracy
- Perfect airtight grip on pipette
- Autoclavable at 121°C

Code	Specs.
CH0591F	0.2 - 10 µl - Pack of 1000
CH0591G ¹	2 - 20 µl - Pack of 1000
CH0591H	2 - 50 µl - Pack of 1000
CH0591I	2 - 100 µl - Pack of 1000
CH0591J	2 - 200 µl - Pack of 1000
CH0591K ²	50 - 300 µl - Pack of 1000
CH0591L	200 - 1000 µl - Pack of 1000



Micropipette Tips - Sterile, Filtered, Racked

- Made of virgin medical grade polypropylene
- Free from lubricants, dyes and heavy metals
- DNase, RNase and polygon free
- Contain hydrophobic polyethylene filter to protect samples and micropipette from cross contamination
- Supplied in an autoclavable plastic rack with hinged lid
- Precisely centered orifice for directional accuracy
- Perfect airtight grip on pipette
- Autoclavable at 121°C

Code	Specs.
CH0591N ³	0.2 - 10 µl - Pack of 96
CH0591O	2 - 20 µl - Pack of 96
CH0591P	2 - 50 µl - Pack of 96
CH0591Q	2 - 100 µl - Pack of 96
CH0591R	2 - 200 µl - Pack of 96
CH0591S	50 - 300 µl - Pack of 96
CH0591T	200 - 1000 µl - Pack of 96



Empty Micro Tip Box

- Made in high quality polypropylene
- Robust hinge design with latch for a secure closure
- Transparent top cover for excellent view of the microtips inside the box
- Stackable
- Holds up to 96 microtips
- Autoclavable at 121°C

Code	Specs.
CH200506 ⁴	0.2 - 10 µl - Pack of 96
CH200507	2 - 200 µl - Pack of 96
CH200508	200 - 1000 µl - Pack of 96

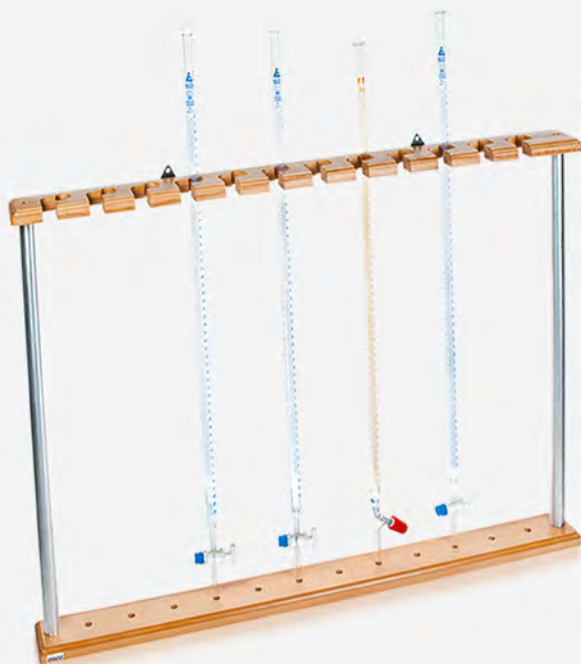


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INDUSTRIAL

WOODWARE

- Burette Racks and Stands
- Pipette Racks
- Test Tube Racks
- Bottle Racks
- Separating Funnel Stands
- Funnel Stands





Bottles Racks

- Polished wooden bottle racks with 4.5 cm drilled holes

Code	Specs
CH0167	6 Bottle Rack
CH0167B ¹	12 Bottle Rack



Burette Stands

- Burette stands made of polished and seasoned hardwood
- Includes clamping screws
- Rods are approximately 46 cm high with a 16 mm diameter

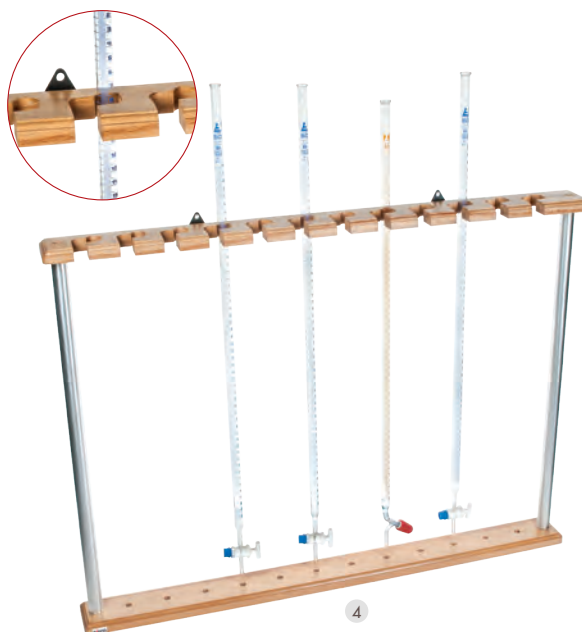
Code	Specs	Base Size
CH0264A ²	Burette Stand - Single	200 x 100 mm
CH0264B ³	Burette Stand - Double	290 x 100 mm



Burette Racks - Vertical

- Natural wood burette rack with metal support rods
- Accepts maximum of 12 burettes up to 50 ml capacity and up to 2 cm diameter
- Special design for easy racking and removing of burettes
- Wall mounting brackets included
- 60 x 81 x 7.5 cm (H x W x D)

Code	Specs
BURRCK12 ⁴	Burette Rack - 12 place



Pipette Racks - Horizontal

- Polished wood pipette rack hold up to 12 pipettes horizontally
- 23 x 26 x 12 cm (H x W x D)

Code	Specs
CH0589 ⁵	Pipette Rack, 12 Place





1



2



3



4

Pipette Racks - Vertical

- Polished wood pipette racks hold assorted size pipettes vertically
- 41 x 36 x 11 cm (H x W x D)

Code	Specs
CH0590A	1 Pipette Rack for 24 Pipettes
CH0590A12P	Pipette Rack for 12 Pipettes

Folding Pipette Racks - Vertical

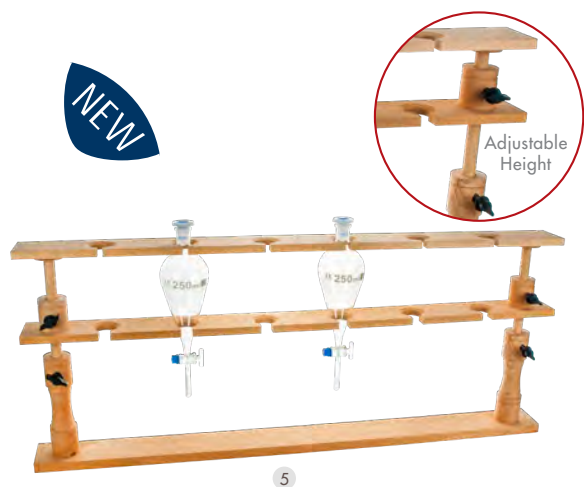
- Polished wood pipette racks hold assorted size pipettes vertically
- 41 x 36 x 11 cm (H x W x D)

Code	Specs
CH0590B	2 Pipette Folding Stand for 10 Pipettes

Funnel Stands

- Polished wood funnel stands with clamping screws
- Rods are approximately 46 cm tall with 16 mm diameter
- Single base size 200 x 110 mm, double base size 290 x 110 mm

Code	Specs
CH0689A	3 Single Funnel Stand
CH0689B	4 Double Funnel Stand
CH0689C	Funnel Stand For Four Funnels



5

Separating Funnel Stands

- Height adjustable polished wood separating funnel stands
- Can accommodate up to 6 separating funnels, suitable for 250ml, 500ml & 1000ml separating funnel

Code	Specs
CH0689E	5 Separating Funnel Stand



Funnel Stand Clamps

- Hardwood rack with clamp holds up to 4 funnels in beveled holes that are 11 cm apart
- Attached iron clamp accommodates support rods up to 16 mm

Code	Specs
CH0689D	1 Funnel Stand Clamp



Combination Funnel and Burette Stands

- Polished wood stand can accommodate 1 burette and 1 funnel of any size
- Clamping screws included
- Rod is approx 46 cm tall with a 16 mm diameter
- Base is 290 x 110 mm

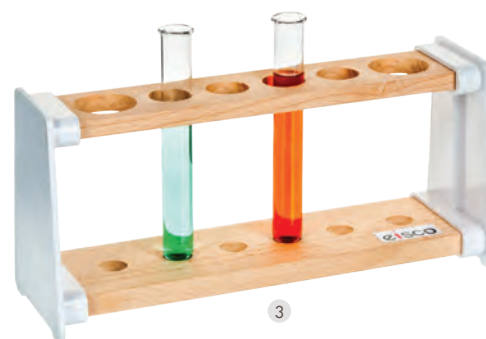
Code	Specs
CH0690	2 Combination Funnel and Burette Stand



Test Tube Racks - 4 Piece

- Wooden test tube racks clip together quickly and easily
- Vertical supports are plastic

Code	Specs
CH0702	3 Test Tube Rack - 2 x 30 mm, 4 x 20 mm Tubes
CH0702B	Test Tube Rack - 6 x 20 mm Tubes
CH0702C	Test Tube Rack - 8 x 22 mm, 4 x 32 mm tubes



Test Tube Racks

- Polished wood test tube racks with 22 mm diameter drilled holes

Code	Specs
CH0704A	4 Test Tube Rack - 6 x 22 mm Tubes
CH0704B	Test Tube Rack - 12 x 22 mm Tubes





Test Tube Racks



1

Test Tube Racks with Drying Pegs

- Polished wood test tube racks with vertical pins for drying

Code	Specs
CH0706A	1 Test Tube Rack - 2 x 25 mm, 4 x 20 mm tubes
CH0706B	Test Tube Rack - 2 x 25 mm, 10 x 20 mm tubes



2

Test Tube Racks - 7 Place

- Polished wood test tube racks with dovetail construction can accommodate up to 7 x 13 mm tubes in drilled holes

Code	Specs
CH0703A	2 Test Tube Rack - 7 x 13 mm Tubes



3

Test Tube Racks - 12 Place

- Polished wood test tube racks with dovetail construction can accommodate up to 12 x 18 mm tubes in drilled holes

Code	Specs
CH0703B	3 Test Tube Rack - 12 x 18 mm Tubes



4

Test Tube Racks with Drying Pegs - 12 Place

- Polished wood test tube racks with 12 drying pegs can accommodate up to 12 x 25 mm tubes in drilled holes

Code	Specs
CH0703C	4 Test Tube Rack with Drying Pegs - 12 x 25 mm Tubes



Test Tube Racks with Drying Pegs - 6 Place

- Polished wood test tube racks with 6 drying pegs can accommodate up to 6 x 19 mm tubes in drilled holes

Code	Specs
CH0705A 1	Test Tube Rack with Drying Pegs - 6 x 19 mm Tubes



1

Test Tube Racks with Drying Pegs - 12 Place

- Polished wood test tube racks with 12 drying pegs can accommodate up to 12 x 25 mm tubes in drilled holes

Code	Specs
CH0705B 2	Test Tube Rack with Drying Pegs - 12 x 25 mm Tubes



2

Test Tube Racks with Drying Pegs - 13 Place, 2 Tier

- Polished wood test tube racks with 6 drying pegs can accommodate up to 7 x 19 mm tubes and 6 x 25 mm tubes in drilled holes

Code	Specs
CH0705C 3	7 x 19 mm Tubes, 6 x 25 mm Tubes

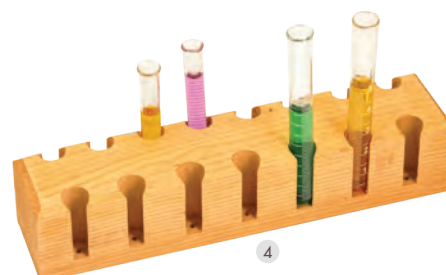


3

Test Tube Racks - 15 Place, Solid Block

- Solid wood block with 15 slotted holes can accommodate up to 15 x 13 mm tubes

Code	Specs
CH0705D 4	Test Tube Rack - 15 x 13 mm Tubes



4



1

Test Tube Racks with Drying Pegs - 6 Place

- Polished wood test tube rack with 6 drying pegs can accommodate up to 6 x 24 mm tubes in drilled holes

Code	Specs
CH0002CSPL 1	Test Tube Rack with Drying Pegs - 6 x 24 mm Tubes



2

Test Tube Racks - 12 Place

- Polished wood test tube rack can accommodate up to 12 x 22 mm tubes in drilled holes

Code	Specs
CH0004C 2	Test Tube Rack - 12 x 22 mm Tubes



3

Test Tube Racks - 12 Place

- Polished wood test tube rack can accommodate up to 12 x 28 mm tubes in drilled holes

Code	Specs
CH0005C 3	Test Tube Rack - 12 x 28 mm Tubes



Check out even more Product:
www.eiscoindustrial.com



Wooden Test Tube Racks - Standard

- Made of hardwood, unpolished with drilled holes
- Heavy base for stability

Code		Dia. of Holes	No. of Tubes
CH0006	1	15 mm	6
CH0007		22 mm	6
CH0010	2	13 mm	12
CH0011		22 mm	12



1



2

Wooden Test Tube Racks - Standard

- Made of hardwood, unpolished with drilled holes
- Heavy base for stability

Code		Dia. of Holes	No. of Tubes
CH0008	3	15 mm	6
CH0009		22 mm	6



3

Wooden Test Tube Racks - 3 Tier

- Made of hardwood, unpolished with drilled holes
- 3-Tier design to better support tubes

Code		Dia. of Holes	No. of Tubes
CH0012	4	18 mm 30 mm	8 4



4

Wall Mounted Drying Rack - 90 Place

Wooden drying rack can accommodate up to 90 pieces, wall mounting brackets included

- 6 rows with 12 x 3" pegs
- 3 rows with 6 x 5" pegs

Code		Specs
CH0001C	5	Wall Mounted Drying Rack - 90 Place



5

eisco

INDUSTRIAL

EQUIPMENT

- Hot Plates
- Stirrers
- Heating Mantles
- Water Bath





Hot Plates with Magnetic Stirrer - Ceramic Top, Analog Control

Hot plates with chemical resistant ceramic coated aluminium plate, powerful heating elements, and spinning magnetic drives for fast and uniform heating of up to 5,000 ml of liquids. Includes 2 analog controls, metal rod and clamp.

- Plate Material: Ceramic coated aluminium
- Plate Dimensions: 190 x 190 mm
- Heater Power: 650 W
- Max. Plate Temperature: 380°C
- Stirrer Speed: 200- 2000 rpm
- Max Stirring Capacity: 5000 ml
- Control: Analogue
- Accessories: Rod and vinyl coated 2 prong clamp
- Dimensions: 33 x 19.5 x 13 cm
- Weight: 4 kg

Code	Specs
MGSTIV1	Hot Plate, Input 110/120 V AC, 60 Hz
MGSTIV2 ¹	Hot Plate, Input 220/240 V AC, 50/60 Hz



Hot Plates - Ceramic Top, Analog Control

Hot plates with chemically resistant ceramic coated aluminum plate and powerful heating elements for fast heating of up to 5,000 ml of liquids. Includes 1 analog control, metal rod and clamp.

- Plate Material: Ceramic coated aluminum
- Plate Dimensions: 190 x 190 mm
- Heater Power: 650 W
- Max. Plate Temperature: 380°C
- Max Stirring Capacity: 5000 ml
- Control: Analogue
- Accessories: Rod and vinyl coated 2 prong clamp
- Dimensions: 33 x 19.5 x 13 cm
- Weight: 4 kg

Code	Specs
HTPLTV1	Hot Plate Only, Input 110/120 V AC, 60 Hz
HTPLTV2 ²	Hot Plate Only, Input 220/240 V AC, 50/60 Hz





Hot Plates with Magnetic Stirrer - Ceramic Top, Digital Display

Hot plates with chemical resistant ceramic coated aluminium plate, powerful heating elements and spinning magnetic drives for fast and uniform heating of up to 5,000 ml of liquids. Includes back lit LCD display, metal rod and clamp. Heating temperatures can be preset.

- Plate Material: Ceramic coated aluminium
- Plate Dimensions: 190 x 190 mm
- Heater Power: 650 W
- Max. Plate Temperature: 380°C
- Stirrer Speed: 200 - 2000 rpm
- Max Stirring Capacity: 5000 ml
- Control: Digital - Temperature, Analog - Speed
- Accessories: Rod and vinyl coated 2 prong clamp
- Dimensions: 33 x 19.5 x 13 cm
- Weight: 4 kg

Code	Specs
MGST2V1	Hot Plate Stirrer, Input 110/120 V AC, 60 Hz
MGST2V2 1	Hot Plate Stirrer, Input 220/240 V AC, 50/60 Hz



Hot Plates with Magnetic Stirrer - Aluminium Top, Analog Control

Hot plates with aluminium plate, independently controlled heating elements and spinning magnetic drives allow uniform heating of up to 500 ml of liquids. Includes 2 analog controls, metal rod and clamp

- Plate Material: Aluminium
- Plate Dimensions: 120 x 120 mm
- Heater Power: 180 W
- Max. Plate Temperature: 350°C
- Stirrer Speed: 100 - 2000 rpm
- Max Stirring Capacity: 2000 ml
- Control: Analogue
- Accessories: Rod and vinyl coated 2 prong clamp
- Dimensions: 20 x 12 x 9 cm
- Weight: 2 kg

Code	Specs
HTMST100V1	Hot Plate Stirrer, Input 110/120 V AC, 60 Hz
HTMST100V2 2	Hot Plate Stirrer, Input 220/240 V AC, 50/60 Hz



Magnet Retriever

- PTFE coated magnet retriever
- Used to remove stirring bars from most vessels
- 30 cm length

Code	Specs
CH0803I	1 Magnetic Retriever



Magnetic Stir Bars 2

- PTFE coated Alnico magnets for mixing aqueous solutions

Code	Size (Length x Dia.)
CH0803A02	15 x 7 mm
CH0803B	20 x 8 mm
CH0803C	25 x 8 mm
CH0803D01	30 x 8 mm
CH0803E01	35 x 9 mm
CH0803E02	40 x 8 mm
CH0803F01	48 x 10 mm



Heating Mantles

- Electric heating mantles with spun metal casing
- Painted with corrosion resistant coating
- Incorporates a heating element suspended within an insulating ceramic fiber for safe heat transfer
- Mantles have built-in power controller
- Power and heating indication lights
- Maximum temperature 450°C

Code	Specs
HMN25	Heating Mantle 250ml - 150 W, Input 220/240 V AC, 50/60 Hz
HMN50 3	Heating Mantle 500ml - 250 W, Input 220/240 V AC, 50/60 Hz
HMN100	Heating Mantle 1000ml - 350 W, Input 220/240 V AC, 50/60 Hz
HMN200	Heating Mantle 2000ml - 450 W, Input 220/240 V AC, 50/60 Hz
HMN25V1	Heating Mantle 250ml - 150 W, Input 110/120 V AC, 60 Hz
HMN50V1	Heating Mantle 500ml - 250 W, Input 110/120 V AC, 60 Hz
HMN100V1	Heating Mantle 1000ml - 350 W, Input 110/120 V AC, 60 Hz
HMN200V1	Heating Mantle 2000ml - 450 W, Input 110/120 V AC, 60 Hz





Heating Mantles - Digital Display

- Electric heating mantles with spun metal casing
- Painted with corrosion resistant coating
- Incorporates a heating element suspended within an insulating ceramic fiber for safe heat transfer
- Mantles have built-in power controller
- Power and heating indication lights
- Digital temperature display
- Includes temperature sensor PT100, metal rod, and clamp
- Maximum temperature 450°C

Code	Specs
HMDT250 ¹	Heating Mantle with Digital Display 250ml - 150 W Input 220/240 V AC, 50/60 Hz
HMDT500	Heating Mantle with Digital Display 500ml - 250 W Input 220/240 V AC, 50/60 Hz
HMDT1000	Heating Mantle with Digital Display 1000ml - 350 W Input 220/240 V AC, 50/60 Hz
HMDT2000	Heating Mantle with Digital Display 2000ml - 450 W Input 220/240 V AC, 50/60 Hz
HMDT5000	Heating Mantle with Digital Display 5000ml - 8000 W Input 220/240 V AC, 50/60 Hz
HMDT250V1	Heating Mantle with Digital Display 250ml - 150 W Input 110/120 V AC, 60 Hz
HMDT500V1	Heating Mantle with Digital Display 500ml - 250 W Input 110/120 V AC, 60 Hz
HMDT1000V1	Heating Mantle with Digital Display 1000ml - 350 W Input 110/120 V AC, 60 Hz
HMDT2000V1	Heating Mantle with Digital Display 2000ml - 450 W Input 110/120 V AC, 60 Hz
HMDT5000V1	Heating Mantle with Digital Display 5000ml - 800 W Input 110/120 V AC, 60 Hz



Next Day
World Wide Shipping



Unstirred Digital Water Bath

- Seamless stainless steel tank and roof cover
- Durable powder coated and chemical resistant outer case
- Intelligent temperature control with PID program

	4 Hole	6 Hole
Temp. Range	5 - 100°C	5 - 100°C
Temp. Resolution	0.1°C	0.1°C
Power Rating	1.0 KW	1.5 KW
Timer	0-9999 min	0-9999 min
Inner Chamber (W x L x H)	32.5 x 30 x 15 cm	50 x 30 x 15 cm
Volume	14.6 L	22.5 L
Current Rating	4.5 A	6.8 A
Input Voltage	220V/240V AC	220V/240V AC

Code	Specs
WBTH4H 1	Unstirred Digital Water Bath - 4 holes
WBTH6H 2	Unstirred Digital Water Bath - 6 holes



1



2

Water Still with Stainless Steel Stand

Water still provides high quality, pyrogen-free distilled water with low conductivity. The unit has built-in safety features including gate valve, flow switch, thermostat and fuse. The distilled output is cooled with a high efficiency coiled condenser. Temperature of distillate is 25 - 40°C (tested at ambient room temperature of 30°C).

- Output 4 L / hour
- PH 5.5-6.0
- Cooling Water Required <1-2 L /min.
- Minimum Pressure 3 p.s.i.
- Net Weight 6 kg

Code	Specs
CH0814 3	Water still with Stainless Steel Stand
CH0814A 4	Spare Heater for above



3



4

UV GOGGLE SANITIZING CABINET



- Specifically designed for use in academic classrooms and laboratories
- Includes several built-in safety features
- Complete UV light sanitation in just 15 minutes
- Accommodates up to 36 pairs of safety goggles or glasses
- Made from heavy gauge steel with a UV resistant enamel finish for durability
- Can be used on a flat surface or hung on the wall (hardware included)
- New and improved packaging for safe and easy shipping



How it works:

Place up to 36 pairs of safety goggles or glasses into the wire slots in the UV sanitizing cabinet. Once the doors are closed and locked, set the timer for 15 minutes.

During the 15 minutes high power UV light fills the box and kills all germs on the goggles, sterilizing them for the next user.

Code	Specs
GGSN10	UV Goggle Sanitizing Cabinet - 120 V
GGSN20	UV Goggle Sanitizing Cabinet - 220 V



LAB SAFETY

- Gloves
- Safety Goggles
- Lab Coats
- Aprons



**Disposable Gloves - Polyethylene**

- Economical & light weight
- Provide good protection while giving a bare handed touch
- Non-sterile, disposable
- Supplied in Pack of 100

Code	Specs
CH0612A	1 Gloves Disposable - Polythene

**Disposable Gloves - Vinyl**

- Strong & thin
- Firm fitting gloves are designed for use on either hand
- Non-sterile, disposable
- Supplied in Pack of 100

Code	Specs
CH0612B	Small
CH0612C	2 Medium
CH0612D	Large

**Disposable Gloves - Latex**

- Made from 100% highly purified rubber latex
- Beaded cuff for greater protection
- Non-sterile, disposable
- Supplied in Pack of 100

Code	Specs
CH0612E	Small
CH0612F	3 Medium
CH0612G	Large

**Disposable Gloves - Nitrile**

- Latex free
- Textured finish on fingers for better grip
- Ideal choice for chemical lab and use during dissection
- Non-sterile, disposable
- Supplied in Pack of 100

Code	Specs
CH0612H	Small
CH0612I	Medium
CH0612J	4 Large

**Rubber Gloves**

- General purpose, light weight
- Anti-slip pattern, pure rubber with flocked cotton lining
- Supplied as pair

Code	Size
CH0613A	7" - 7.5"
CH0613B	8" - 8.5"
CH0613C	5 10" - 10.5"



Rubber Gloves

- Bi-color natural rubber gloves
- Flock lined
- Supplied as pair

Code	Size
CH0616A	7" - 7.5"
CH0616B	8" - 8.5"
CH0616C ¹	9" - 9.5"
CH0616D	10" - 10.5"



Neoprene Gloves

- Anti-slip pattern for good grip in wet and dry applications
- Good chemical resistance
- Suitable for chemical industry, industrial cleaning & oil refining
- Supplied as pair

Code	Size
CH0617A	6.5"
CH0617B	7.5"
CH0617C	8.5"
CH0617D ²	10"



Cut Resistant Gloves

- Dyneema® and synthetic fiber blend with coating
- Suitable for glass and ceramic industry, sheet metal operation
- Supplied as pair

These are cut resistant gloves - NOT CUT PROOF

Code	Size
CH0617E	Small
CH0617F ³	Medium
CH0617G	Large



Rubber Gloves - Heavy Duty

- Extra thick for better protection
- Chlorinated for enhanced chemical resistance
- Supplied as pair

Code	Size
CH0618A ⁴	10"

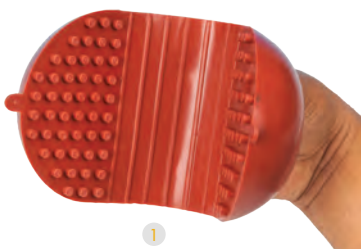


Gloves Leather

- Gauntlet style gloves designed to provide general protection
- Long length protects hands and forearm

Code	Specs
CH0614 ⁵	Gloves Leather



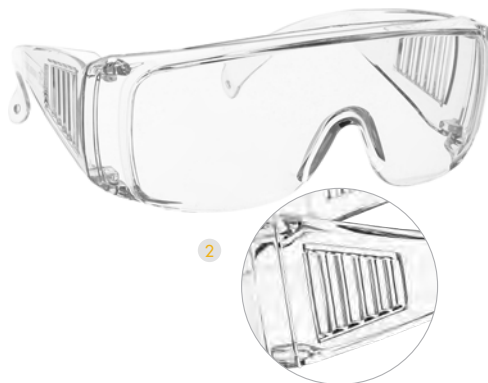


1

Hand Protectors

- Heat & cold resistant silicon rubber hand protector
- Allows easy handling of heated vessels like flask, bottles & beakers etc
- Studded surface is used for firm grip
- Pockets for fingers & thumb, ambidextrous
- Tested for use up to 250°C

Code	Specs
CH0616HP	1 Hand Protectors



2

Safety Glasses - Clear

- Designed to fit over most prescription glasses
- Side vents prevent glasses from fogging
- Lens coating provides UV protection
- Light weight polycarbonate, impact resistant lenses
- CE marked, conforms to ANSI Z87.1, EN166F side shields protection

Code	Specs
CH0619A	2 Safety Goggles - Clear



3

Safety Goggles - Clear With Adjustable Temples

- Designed with extra side coverage and adjustable temples for a universal fit
- Lens coating provides UV protection
- CE marked, conforms to ANSI Z87.1, EN166F side shields protection

Code	Specs
G2612	3 Safety Goggles - Clear With Adjustable Temples



4

Safety Goggles - Clear, Vented

- Designed to fit over most prescription glasses
- Soft, flexible vinyl frame provides a comfortable and secure fit
- Freely adjustable, soft elastic head strap
- Direct side vents prevents fogging
- Designed to protect eyes from chemical splashes and high speed impact (120m/s)
- CE marked, conforms to ANSI Z87.1, EN166 B

Code	Specs
CH0619DV	4 Safety Goggles - Clear, Vented



Safety Goggles - Basic

- Designed to fit over most prescription glasses
- Soft, flexible vinyl frame provides a comfortable and secure fit
- Freely adjustable, soft elastic head strap
- Direct side vents prevents fogging
- Designed to protect eyes from chemical splashes and high speed impact (120m/s)
- CE marked, conforms to ANSI Z87.1, EN166 B

Code	Specs
G103	1 Safety Goggles - Basic



Safety Goggles - Basic Clear

- Designed to fit over most prescription glasses
- Soft, flexible vinyl frame provides a comfortable and secure fit
- Freely adjustable, soft elastic head strap
- Direct side vents prevents fogging
- Designed to protect eyes from chemical splashes and high speed impact (120m/s)
- CE marked, conforms to ANSI Z87.1, EN166 B

Code	Specs
G103CLR	2 Safety Goggles - Basic Clear



Safety Goggles - Basic, Indirect Vent

- Designed to fit over most prescription glasses
- Soft, flexible vinyl frame provides a comfortable and secure fit
- Freely adjustable, soft elastic head strap
- Indirect ventilation prevents fogging of the goggle lenses
- Designed to protect eyes from chemical splashes and high speed impact (120m/s)
- CE marked, conforms to ANSI Z87.1, EN166 B

Code	Specs
G104	3 Safety Goggles - Basic, Indirect Vent



Safety Goggles - Clear

- Light weight frameless design with soft rubber nose bridge
- TPR wrapped PC legs for a comfortable wearing
- Durable polycarbonate lens provide impact and UV protection
- CE marked, conforms to ANSI Z87.1, EN166 F

Code	Specs
G030	4 Safety Goggles - Clear



Face Shield - Simple Clear

- Clear PC visor, provides protection against foreign particles, dust & chemical splash
- Polyethylene headgear with 30 x 20 cm PC visor
- Freely adjustable, soft elastic head strap
- Designed to fit over most prescription glasses
- CE marked, conforms to ANSI Z87.1, EN166 1B/3B

Code	Specs
G571	5 Face Shield - Simple Clear



**Lab Coats - White Polyester 1**

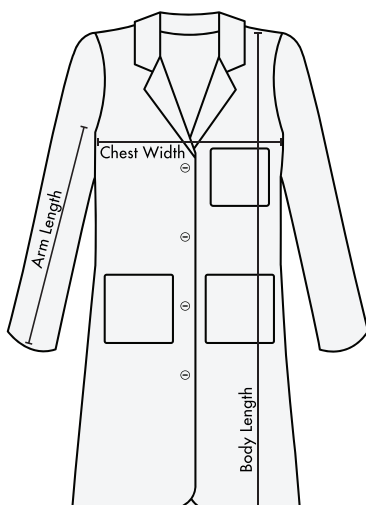
- Modern styling, white polyester/cotton drill
- Concealed press stud fastenings, backvent
- Three large pockets for plenty of storage

Code	Size
CH0622C	Lab Coats - White Polyester - Small
CH0622A	Lab Coats - White Polyester - Medium
CH0622B	Lab Coats - White Polyester - Large
CH0622D	Lab Coats - White Polyester - Extra Large

**Lab Coats - Blue Polyester Blend 2**

- Modern styling, blue polyester/cotton blend
- Concealed press stud fastenings & backvent
- Three large pockets

Code	Size
CH0622CNV	Lab Coats - Navy Blue - Small
CH0622ANV	Lab Coats - Navy Blue - Medium
CH0622BNV	Lab Coats - Navy Blue - Large
CH0622DNV	Lab Coats - Navy Blue - Extra Large

**Size Chart**

Code	Length (cm)	Chest (cm)	Arm Length (cm)
CH0622A CH0622ANV	100	60	46
CH0622B CH0622BNV	105	64	50
CH0622C CH0622CNV	95	58	42
CH0622D CH0622DNV	110	67	54



Rubber Lab Aprons - Black

- Suitable for general lab work or for protection during cleaning, repairing or painting
- Waterproof and resistant of chemicals, oils and grease
- Halter design for unrestricted arm movement
- Flexible and light weight

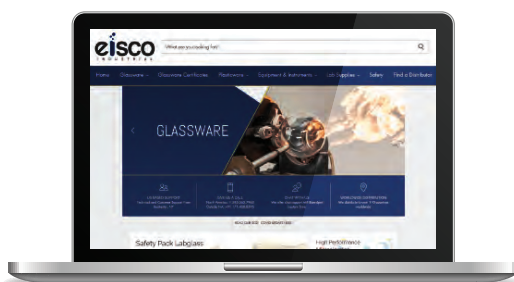
Code	Specs
RBAPCH	Rubberized Apron - Black - Small
RBAPMD ¹	Rubberized Apron - Black - Medium
RBAPAD	Rubberized Apron - Black - Large



Rubber Lab Aprons - Colored

- Suitable for general lab work or for protection during cleaning, repairing or painting
- Waterproof and resistant of chemicals, oils and grease
- Halter design for unrestricted arm movement
- Flexible and light weight

Code	Specs
RBAPCHRD ²	Rubber Apron - Colored - Small - Red
RBAPADBL ³	Rubber Apron - Colored - Large - Blue



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Vinyl Aprons 1

- Transparent vinyl aprons are suitable for general lab use
- Protects clothes from acid, oils and grease
- Halter design for unrestricted arm movement
- Reinforced at strain points to resist stretching

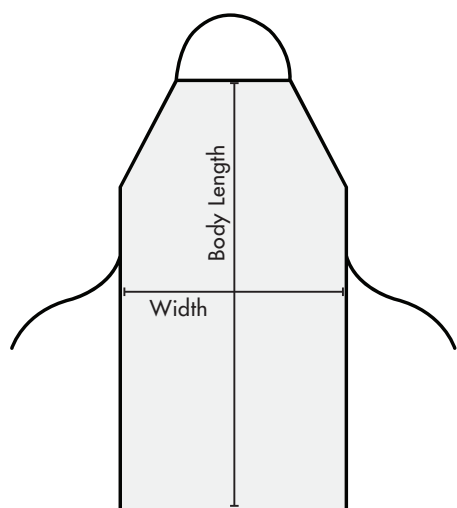
Code	
VNAPCH	Vinyl Apron Small
VNAPAD	Vinyl Apron Large



Neoprene Aprons 2

- Neoprene aprons provide protection from a large range of chemicals such as acids, solvents, caustics and oils
- Ideal for chemical plants, plating facilities & general lab work
- Halter design for unrestricted arm movement

Code	Specs
NUPAPCH	Neoprene Apron Small
NUPAPAD	Neoprene Apron Large



Size Chart

Code	Width (in)	Overall Length (in)
RBAPCH	24"	30"
RBAPMD	27"	36"
RBAPAD	27"	42"
VNAPCH	27"	36"
VNAPAD	36"	45"
NUPAPCH	24"	30"
NUPAPAD	27"	42"
RBAPCHRD	24"	30"
RBAPADBL	27"	42"

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INDUSTRIAL

RUBBERWARE

- Pipette Bulbs
- Stoppers
- Rubber Tubing
- Natural Rubber Tubing
- Neoprene Tubing
- Nitrile Tubing





Neoprene Tubing - For Burners

- Neoprene with reinforced ends, 5 mm inner dia.
- Fits burner inlet up to 8 mm dia.

Code	Specs
CH0100D	45 cm
CH0100E	60 cm
CH0100F	90 cm



Over 5,000 SKUs
in Stock



Manual Pipette Fillers

- Manual bulb filler for pipetting, suitable for noxious solutions
- For use with microbial suspensions and other harmful or unpleasant solutions
- Comprised of a bulb and three pinch valves controlling influx and efflux of solutions
- Bulb dia. 54 mm

Code	Specs
CH0580A	Pipette Filler - Rubber
CH0580D	Pipette Filler - Silicon



Pipette Bulbs - Rubber

- Pear shaped, for use with pipettes

Rubber		Silicon	Capacity
CH0230A	1	CH0230A-SI	5 ml
CH0230B		CH0230B-SI	10 ml
CH0230C		CH0230C-SI	15 ml
CH0230D	2	CH0230D-SI	25 ml
CH0230E		CH0230E-SI	50 ml
CH0230F		CH0230F-SI	20 ml
CH0230G		CH0230G-SI	100 ml



Dropper Bulbs

- For use with dropper pipettes
- Capacity 1 ml approx

Code	Specs
CH0232A	Bulbs - Rubber
CH0232AA	4 Bulbs - Silicon



Dropper Bulbs - Heavy Duty

- Heavy weight, for use with pipettes & medicine droppers
- Dia. 5 - 6 mm
- Capacity 2 ml approx

Code	Specs
CH0232B	Bulbs - Rubber
CH0232BB	5 Bulbs - Silicon



Dropper Bulbs - Latex

- Easy to squeeze, for use with pipettes & medicine droppers

Code	Capacity
CH0232C	1 ml approx.
CH0232D	6 2 ml approx.





1

Rubber Stoppers - Solid 1

- Solid, made from superior quality rubber
- Resistant to acids, alkalis and ammonia

Code	Bottom	Top	Length	Pack Size
CH0314A01	6 mm	9 mm	16 mm	10
CH0314A02	8 mm	10.5 mm	20 mm	10
CH0314A	9 mm	11.5 mm	20 mm	10
CH0314B	11 mm	14 mm	24 mm	10
CH0314C	13 mm	16 mm	24 mm	10
CH0314D	15 mm	18 mm	24 mm	10
CH0314E	17 mm	20 mm	26 mm	10
CH0314F	18 mm	21 mm	26 mm	10
CH0314G	19 mm	22 mm	28 mm	10
CH0310H	21 mm	24 mm	28 mm	10
CH0314I	23 mm	26 mm	28 mm	10
CH0314J	25 mm	28 mm	28 mm	10
CH0314K	27 mm	31 mm	32 mm	10
CH0314L	29 mm	33 mm	32 mm	10
CH0314M	31 mm	36 mm	35 mm	10
CH0314N	33 mm	38 mm	38 mm	10
CH0314N01	33 mm	41 mm	25 mm	10
CH0314O	35 mm	45 mm	36 mm	10
CH0314P	38 mm	42 mm	40 mm	10
CH0314Q	40 mm	49 mm	40 mm	10
CH0314R	44 mm	58 mm	45 mm	10
CH0314S	48 mm	54 mm	33 mm	10
CH0314T	51 mm	60 mm	57 mm	10
CH0314U	54 mm	64 mm	25 mm	10
CH0314X	75 mm	90 mm	39 mm	10



2

Rubber Stoppers - Solid, pack of 50

- Solid, made from superior rubber
- Resistant to acids, alkalis and ammonia
- 7 pieces each 8, 9, 11, 13, 15 mm bottom dia.
- 3 pieces each 17, 21, 23, 25, 29 mm bottom dia.
- Pack of 50

Code	Specs
CH0315 2	Rubber Stoppers - Solid - Pack of 50



Rubber Stoppers - Solid, pack of 58 ¹

- Solid, made from superior rubber
- Resistant to acids, alkalis and ammonia
- 8 pieces each 8, 9, 11, 13, 15, 17 mm bottom dia.
- 3 pieces each 21, 23 mm bottom dia.
- 2 pieces each 25, 29 mm bottom dia.
- Pack of 50

Code	Specs
CH0318	Rubber Stoppers Solid - Pack of 58



Rubber Stoppers - One Hole and Two Hole

- Made from superior rubber
- Resistant to acids, alkalis and ammonia
- Available with precision bore 1 hole or 2 holes

1 Hole ²	2 Hole ³	Bottom	Top	Length	Pack Size
CH0314A011H		6 mm	9 mm	16 mm	10
CH0314A021H		8 mm	10.5 mm	20 mm	10
CH0314A1H	CH0314A2H	9 mm	11.5 mm	20 mm	10
CH0314B1H	CH0314B2H	11 mm	14 mm	24 mm	10
CH0314C1H	CH0314C2H	13 mm	16 mm	24 mm	10
CH0314D1H	CH0314D2H	15 mm	18 mm	24 mm	10
CH0314E1H	CH0314E2H	17 mm	20 mm	26 mm	10
CH0314F1H	CH0314F2H	18 mm	21 mm	26 mm	10
CH0314G1H	CH0314G2H	19 mm	22 mm	28 mm	10
CH0314H1H	CH0314H2H	21 mm	24 mm	28 mm	10
CH0314I1H	CH0314I2H	23 mm	26 mm	28 mm	10
CH0314J1H	CH0314J2H	25 mm	28 mm	28 mm	10
CH0314K1H	CH0314K2H	27 mm	31 mm	32 mm	10
CH0314L1H	CH0314L2H	29 mm	33 mm	32 mm	10
CH0314M1H	CH0314M2H	31 mm	36 mm	35 mm	10
CH0314N1H	CH0314N2H	33 mm	38 mm	38 mm	10
CH0314N011H	CH0314N012H	33 mm	41 mm	25 mm	10
CH0314O1H	CH0314O2H	35 mm	45 mm	36 mm	10
CH0314P1H	CH0314P2H	38 mm	42 mm	40 mm	10
CH0314Q1H	CH0314Q2H	40 mm	49 mm	40 mm	10
CH0314R1H	CH0314R2H	44 mm	58 mm	45 mm	10
CH0314S1H	CH0314S2H	48 mm	54 mm	33 mm	10
CH0314T1H	CH0314T2H	51 mm	60 mm	57 mm	10
CH0314U1H	CH0314U2H	54 mm	64 mm	25 mm	10
CH0314X1H	CH0314X2H	75 mm	90 mm	39 mm	10





Rubber Stoppers - One Hole, Pack of 50

- Made from superior rubber, 1 hole
- Resistant to acids, alkalis and ammonia
- 7 pieces each 8, 9, 11, 13, 15 mm bottom dia.
- 3 pieces each 17, 21, 23, 25, 29 mm bottom dia.
- Pack of 50

Code	Specs
CH0316	1 Assorted Rubber Stoppers - One Hole



Rubber Stopper - Two Hole, pack of 50

- Made from superior rubber, 2 hole
- Resistant to acids, alkalis and ammonia
- 10 pieces each 13, 15, 17, 18 mm bottom dia.
- 3 pieces each 21, 23 mm bottom dia.
- 2 pieces each 25, 29 mm bottom dia.
- Pack of 50

Code	Specs
CH0317	2 Assorted Rubber Stoppers - Two Hole



Silicone Stoppers - Solid 3

- Made from pure silicon rubber
- Safe for use upto 430°F / 225°C
- Available in following sizes

Code	Bottom	Top	Length
CH0319A	6 mm	8 mm	16 mm
CH0319B	8 mm	10.5 mm	20 mm
CH0319C	9 mm	11.5 mm	20 mm
CH0319D	10 mm	12.5 mm	20 mm
CH0319E	11 mm	14 mm	24 mm
CH0319F	13 mm	16 mm	24 mm
CH0319G	15 mm	18 mm	24 mm
CH0319H	17 mm	20 mm	26 mm
CH0319I	18 mm	21 mm	26 mm
CH0319J	19 mm	22 mm	28 mm
CH0319K	21 mm	24 mm	28 mm
CH0319L	23 mm	26 mm	28 mm
CH0319M	25 mm	28 mm	28 mm
CH0319N	27 mm	31 mm	32 mm
CH0319O	29 mm	31 mm	32 mm
CH0319P	31 mm	36 mm	35 mm
CH0319Q	33 mm	38 mm	38 mm
CH0319R	35 mm	45 mm	36 mm
CH0319S	38 mm	42 mm	40 mm
CH0319T	40 mm	49 mm	40 mm



EISCO PREMIUM NEOPRENE STOPPERS

- Research grade for industrial and academic research labs
- Manufactured from long lasting neoprene
- Suitable for use with petroleum products, most organic acids and bases
- Oil resistant
- Suitable for use at high temperatures

Neoprene Stoppers - Solid ¹

- Manufactured from long lasting neoprene
- Suitable for use with petroleum products, minerals, oils, fats and most inorganic acids and bases
- Safe for use at temperatures up to 250°F/120°C
- Solid stoppers available in the following sizes

Code	Bottom	Top	Length
CH0319ANUP	6 mm	8 mm	16 mm
CH0319BNUP	8 mm	10.5 mm	20 mm
CH0319CNUP	9 mm	11.5 mm	20 mm
CH0319DNUP	10 mm	12.5 mm	20 mm
CH0319ENUP	11 mm	14 mm	24 mm
CH0319FNUP	13 mm	16 mm	24 mm
CH0319GNUP	15 mm	18 mm	24 mm
CH0319HNUP	17 mm	20 mm	26 mm
CH0319INUP	18 mm	21 mm	26 mm
CH0319JNUP	19 mm	22 mm	28 mm
CH0319KNUP	21 mm	24 mm	28 mm
CH0319LNUP	23 mm	26 mm	28 mm
CH0319MNUP	25 mm	28 mm	28 mm
CH0319NNUP	27 mm	31 mm	32 mm
CH0319ONUP	29 mm	31 mm	32 mm
CH0319PNUP	31 mm	36 mm	35 mm
CH0319QNUP	33 mm	38 mm	38 mm
CH0319RNUP	35 mm	45 mm	36 mm
CH0319SNUP	38 mm	42 mm	40 mm
CH0319TNUP	40 mm	49 mm	40 mm





Neoprene Stoppers - One Hole and Two Hole

- Manufactured from long lasting neoprene
- Suitable for use with petroleum products, minerals, oils, fats and most inorganic acids and bases
- Safe for use at temperatures up to 250°F/120°C
- One hole and two hole stoppers available in the following sizes

1 Hole	2 Hole	Bottom	Top	Length
CH0319ANUP1H		6 mm	8 mm	16 mm
CH0319BNUP1H		8 mm	10.5 mm	20 mm
CH0319CNUP1H		9 mm	11.5 mm	20 mm
CH0319DNUP1H		10 mm	12.5 mm	20 mm
CH0319ENUP1H		11 mm	14 mm	24 mm
CH0319FNUP1H	CH0319FNUP2H	13 mm	16 mm	24 mm
CH0319GNUP1H	CH0319GNUP2H	15 mm	18 mm	24 mm
CH0319HNUP1H	CH0319HNUP2H	17 mm	20 mm	26 mm
CH0319INUP1H	CH0319INUP2H	18 mm	21 mm	26 mm
CH0319JNUP1H	CH0319JNUP2H	19 mm	22 mm	28 mm
CH0319KNUP1H	CH0319KNUP2H	21 mm	24 mm	28 mm
CH0319LNUP1H	CH0319LNUP2H	23 mm	26 mm	28 mm
CH0319MNUP1H	CH0319MNUP2H	25 mm	28 mm	28 mm
CH0319NNUP1H	CH0319NNUP2H	27 mm	31 mm	32 mm
CH0319ONUP1H	CH0319ONUP2H	29 mm	31 mm	32 mm
CH0319PNUP1H	CH0319PNUP2H	31 mm	36 mm	35 mm
CH0319QNUP1H	CH0319QNUP2H	33 mm	38 mm	38 mm
CH0319RNUP1H	CH0319RNUP2H	35 mm	45 mm	36 mm
CH0319SNUP1H	CH0319SNUP2H	38 mm	42 mm	40 mm
CH0319TNUP1H	CH0319TNUP2H	40 mm	49 mm	40 mm



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for our **monthly** email



Neoprene Stoppers - ASTM, Solid ¹

- Manufactured according to sizes recommended by ASTM standards
- Manufactured from long lasting neoprene
- Suitable for use with petroleum products, minerals, oils, fats and most inorganic acids and bases
- Safe for use at temperatures up to 250°F/120°C
- Solid stoppers available in the following sizes

Code	Bottom	Top	Length
CH0321A	8.2 mm	12.7 mm	25 mm
CH0321B	10 mm	15 mm	25 mm
CH0321C	13 mm	17 mm	25 mm
CH0321D	14 mm	19 mm	25 mm
CH0321E	16 mm	20 mm	25 mm
CH0321F	18 mm	24 mm	25 mm
CH0321G	20 mm	26 mm	25 mm
CH0321H	23 mm	27 mm	25 mm
CH0321I	24 mm	28 mm	25 mm
CH0321J	26 mm	32 mm	25 mm
CH0321K	27 mm	34 mm	25 mm
CH0321L	30 mm	37 mm	25 mm
CH0321M	31 mm	39 mm	25 mm
CH0321N	33 mm	41 mm	25 mm
CH0321O	36 mm	43 mm	25 mm
CH0321P	37 mm	45 mm	25 mm
CH0321Q	42 mm	50 mm	25 mm
CH0321R	45 mm	53 mm	25 mm
CH0321S	48 mm	56 mm	25 mm
CH0321T	50 mm	63 mm	25 mm
CH0321U	54 mm	64 mm	25 mm
CH0321V	58 mm	68 mm	25 mm
CH0321W	62 mm	75 mm	35 mm
CH0321X	75 mm	90 mm	39 mm
CH0321Y	83 mm	103 mm	39 mm
CH0321Z	90 mm	127 mm	50 mm





Neoprene Stoppers - ASTM, One and Two Hole

- Manufactured according to sizes recommended by ASTM standards
- Manufactured from long lasting neoprene
- Suitable for use with petroleum products, minerals, oils, fats and most inorganic acids and bases
- Safe for use at temperatures up to 250°F/120°C
- One hole and two hole stoppers available in the following sizes

1 Hole	①	2 Hole	②	Bottom	Top	Length
CH0321A1H				8.2 mm	12.7 mm	25 mm
CH0321B1H				10 mm	15 mm	25 mm
CH0321C1H		CH0321C2H		13 mm	17 mm	25 mm
CH0321D1H		CH0321D2H		14 mm	19 mm	25 mm
CH0321E1H		CH0321E2H		16 mm	20 mm	25 mm
CH0321F1H		CH0321F2H		18 mm	24 mm	25 mm
CH0321G1H		CH0321G2H		20 mm	26 mm	25 mm
CH0321H1H		CH0321H2H		23 mm	27 mm	25 mm
CH0321I1H		CH0321I2H		24 mm	28 mm	25 mm
CH0321J1H		CH0321J2H		26 mm	32 mm	25 mm
CH0321K1H		CH0321K2H		27 mm	34 mm	25 mm
CH0321L1H		CH0321L2H		30 mm	37 mm	25 mm
CH0321M1H		CH0321M2H		31 mm	39 mm	25 mm
CH0321N1H		CH0321N2H		33 mm	41 mm	25 mm
CH0321O1H		CH0321O2H		36 mm	43 mm	25 mm
CH0321P1H		CH0321P2H		37 mm	45 mm	25 mm
CH0321Q1H		CH0321Q2H		42 mm	50 mm	25 mm
CH0321R1H		CH0321R2H		45 mm	53 mm	25 mm
CH0321S1H		CH0321S2H		48 mm	56 mm	25 mm
CH0321T1H		CH0321T2H		50 mm	63 mm	25 mm
CH0321U1H		CH0321U2H		54 mm	64 mm	25 mm
CH0321V1H		CH0321V2H		58 mm	68 mm	25 mm
CH0321W1H		CH0321W2H		62 mm	75 mm	35 mm
CH0321X1H		CH0321X2H		75 mm	90 mm	39 mm
CH0321Y1H		CH0321Y2H		83 mm	103 mm	39 mm
CH0321Z1H		CH0321Z2H		90 mm	127 mm	50 mm

Rubber Cones

- Set of 7 rubber cones for use with buchner funnels of various sizes

Code	Capacity
CH0421	Rubber cones, Set of 7



EISCO PREMIUM TUBING

- Research grade for industrial and academic research labs
- Resistant to acids and alkalis
- Neoprene, nitrile, rubber, extra soft and high pressure varieties available

Rubber Tubing ¹

- Soft quality, resistant to acid and alkalis
- Pack of 10 meters
- Shore hardness: 45A
- Tolerance: $\pm 0.2\text{mm}$
- Temp.: -20°C to $+70^{\circ}\text{C}$

Code	Bore	Wall Thickness
CH0761A01	3 mm	1.0 mm
CH0761A	4 mm	1.0 mm
CH0761B	5 mm	1.5 mm
CH0761C	6 mm	1.5 mm
CH0761C01	6.5 mm	1.5 mm
CH0761D	7 mm	1.5 mm
CH0761E	8 mm	2.0 mm
CH0761F	9 mm	2.0 mm
CH0761G	10 mm	2.0 mm
CH0761H	12 mm	2.5 mm
CH0761I	15 mm	3.0 mm
CH0761J	12 mm	3.5 mm
CH0761K	15 mm	3.5 mm
CH0761L	16 mm	3.0 mm
CH0761M	19 mm	3.0 mm
CH0761N	20 mm	3.5 mm
CH0761O	25 mm	3.5 mm



1



NEW



Neoprene Rubber Tubing - Synthetic

- Synthetic neoprene rubber tubing
- Pack of 10 meters
- Shore hardness: 60A
- Tolerance: $\pm 0.2\text{mm}$
- Temp.: -30°C to $+120^{\circ}\text{C}$

Code	Bore	Wall Thickness
NEOCH01	4 mm	1.0 mm
NEOCH02	5 mm	1.5 mm
NEOCH03	6 mm	1.5 mm
NEOCH04	7 mm	1.5 mm
NEOCH05	8 mm	2.0 mm
NEOCH06	9 mm	2.0 mm
NEOCH07	10 mm	2.0 mm
NEOCH08	12 mm	2.0 mm

NEW



Rubber Tubing - Nitrile

- Made of nitrile rubber
- Pack of 5 meters
- Shore hardness: 55A
- Tolerance: $\pm 0.2\text{mm}$
- Temp.: -30°C to $+120^{\circ}\text{C}$

Code	Bore	Wall Thickness
NITB01	4 mm	1.0 mm
NITB02	5 mm	1.5 mm
NITB03	6 mm	1.5 mm
NITB04	7 mm	1.5 mm
NITB05	8 mm	2.0 mm
NITB06	9 mm	2.0 mm
NITB07	10 mm	2.0 mm
NITB08	12 mm	2.0 mm



Rubber Tubing - High Pressure

- High pressure, extra soft quality rubber tubing
- Shore Hardness: 50-55A
- Tolerance: $\pm 0.2\text{mm}$
- Temp.: -20°C to $+70^{\circ}\text{C}$

Code	Bore	Wall Thickness
CH0762A	3 mm	4.5 mm
CH0762B	4.5 mm	4.5 mm
CH0762C	6 mm	4.5 mm
CH0762D	8 mm	4.5 mm
CH0762E	9 mm	4.5 mm
CH0762E01	10 mm	6.0 mm
CH0762F	12.5 mm	6.5 mm



Silicone Tubing ¹

- Seamless, non-toxic, translucent and very flexible
- Typically used for connecting laboratory glassware
- Suitable for use over a temperature range of -50°C to 250°C
- Meets USP VI standards and FDA 21 CFR 177.2600 compliant
- Shore Hardness: 45A
- Sold by the meter

Code	Bore	Wall Thickness
CH0764A	2 mm	1.0 mm
CH0764B	3 mm	1.0 mm
CH0764B01	3 mm	1.5 mm
CH0764D	4 mm	1.0 mm
CH0764E	4 mm	1.5 mm
CH0764F	5 mm	1.0 mm
CH0764G	5 mm	1.5 mm
CH0764I01	6 mm	1.0 mm
CH0764I	6 mm	1.5 mm
CH0764J	6 mm	2.0 mm
CH0764J01	6 mm	3.0 mm
CH0764M01	7 mm	1.5 mm
CH0764M	7 mm	2.0 mm
CH0764O01	8 mm	1.5 mm
CH0764O	8 mm	2.0 mm
CH0764P	8 mm	3.0 mm
CH0764Q	9 mm	2.0 mm
CH0764R	10 mm	2.0 mm
CH0764S	10 mm	3.0 mm
CH0764T01	12 mm	2.0 mm
CH0764T	12 mm	3.5 mm
CH0764V	14 mm	3.0 mm
CH0764W	15 mm	4.0 mm
CH0764X	16 mm	3.0 mm
CH0764X01	25 mm	4.0 mm



Hand Made Vacuum Tubing ²

- High grade, handmade, extra soft rubber tubing
- Extra heavy wall for vacuum applications
- Does not collapse under atmospheric conditions
- Sold by the meter

	Bore	Wall Thickness
CH0763A	6 mm	7 mm
CH0763B	8 mm	7 mm



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I N D U S T R I A L

CERAMICS

- Evaporating Dishes
- Crucibles
- Funnels
- Mortar & Pestles
- Spotting Plates
- Casseroles





Evaporating Dishes - Porcelain, Flat Form 1

- Porcelain, flat form with spout
- Glazed inside and outside except for rim

Code	Capacity	O.D.	Height
CH0070A	35 ml	65 mm	16 mm
CH0070B	50 ml	75 mm	20 mm
CH0070C	100 ml	100 mm	23 mm
CH0070D	200 ml	120 mm	34 mm
CH0070E	300 ml	150 mm	29 mm



Evaporating Dishes - Porcelain, Round Form 2

- Porcelain, round form with spout
- Fully glazed except outside base

Code	Capacity	O.D.	Height
CH0071A	35 ml	60 mm	24 mm
CH0071B	70 ml	75 mm	30 mm
CH0071C	80 ml	80 mm	30 mm
CH0071D	120 ml	94 mm	42 mm
CH0071E	150 ml	100 mm	42 mm
CH0071F	250 ml	115 mm	45 mm
CH0071G	385 ml	145 mm	48 mm
CH0071H	525 ml	162 mm	51 mm



Evaporating Dishes - Porcelain, Deep Form 3

- Porcelain, deep form with spout
- Fully glazed on the inside and outside

Code	Capacity	O.D.
CH0072A	8 ml	25 mm
CH0072B	20 ml	50 mm
CH0072C	40 ml	60 mm
CH0072D	100 ml	75 mm
CH0072E	175 ml	100 mm
CH0072F	275 ml	110 mm
CH0072G	450 ml	125 mm
CH0072H	850 ml	150 mm
CH0072I	1300 ml	175 mm



Evaporating Dishes - Silica Round Bottom 4

- Round bottom, with spout

Code	Capacity	Dia.	Height
CH0078A	20 ml	55 mm	23 mm
CH0078B	45 ml	75 mm	27 mm
CH0078C	70 ml	87 mm	33 mm
CH0078D	85 ml	94 mm	36 mm
CH0078E	100 ml	100 mm	45 mm
CH0078F	200 ml	113 mm	47 mm





Crucibles - Porcelain, Tall, With Lid 1

- Porcelain, tall form with lid
- Glazed inside and outside except base

Code	Capacity	Height
CH0074A	10 ml	26 mm
CH0074B	15 ml	29 mm
CH0074D	30 ml	37 mm
CH0074E	40 ml	40 mm
CH0074F	50 ml	43 mm
CH0074G	100 ml	54 mm
CH0074H	250 ml	72 mm



Crucibles - Porcelain, Squat, With Lid 2

- Porcelain, squat form with lid
- Glazed inside and outside except base

Code	Capacity	Height
CH0076A	8 ml	20 mm
CH0076B	17 ml	26 mm
CH0076C	30 ml	30 mm
CH0076D	50 ml	37 mm
CH0076E	100 ml	46 mm
CH0076F	150 ml	52 mm
CH0076G	250 ml	60 mm



Crucible Lids - Porcelain 3

- Crucible lids, porcelain

Code	Dia. (O.D.)
CH0076K	26 mm
CH0076L	34 mm
CH0076M	38 mm
CH0076N	47 mm
CH0076O	53 mm
CH0076P	58 mm
CH0076Q	69 mm
CH0076R	80 mm
CH0076S	93 mm
CH0076T	108 mm



Buchner Funnels - Porcelain 1

- Buchner funnel with straight sides above the perforated plate
- Glazed inside and outside except the rim
- Thick stem with angled cut

Code	Dia.	Recommended filter Paper Size
CH0462A	3.5 cm	27 mm
CH0462B	5 cm	40 mm
CH0462C	6 cm	50 mm
CH0462D	7.5 cm	70 mm
CH0462E	10 cm	90 mm
CH0462F	12.5 cm	110 mm
CH0462G	15 cm	130 mm
CH0462H	20 cm	175 mm
CH0462I	25 cm	230 mm
CH0462J	30 cm	260 mm



Hirsch Funnels - Porcelain

- Glazed inside and outside except rim
- Perforated fixed filter plate
- Stem with angled cut
- Excellent chemical resistance

Code	Dia.
CH0465A	3 cm
CH0465B	4 cm
CH0465C 2	5 cm
CH0465D	7.5 cm
CH0465E	10 cm



Gooch Crucibles - Porcelain

- Perforated bottom
- Glazed inside and outside except for outer bottom surface and rim
- Excellent chemical resistance

Code	Capacity
CH0509D 3	15 ml
CH0509E	30 ml
CH0509F	50 ml
CH0509G	140 ml



**Mortar and Pestle**

- Full porcelain construction
- Heavy duty construction resistant to chips and cracks
- Unglazed grinding surface for precise crushing and grinding
- Oversized pestles for efficient grinding

Code	Outer Dia.	Capacity
CH0540A ¹	80 mm	60 ml
CH0540B	105 mm	150 ml
CH0540C	125 mm	275 ml
CH0540D	155 mm	550 ml
CH0540E	180 mm	900 ml
CH0540F	200 mm	1500 ml
CH0540G	230 mm	2000 ml

**Mortar and Pestle - Heavy Pattern** ²

- Full porcelain construction
- Deep form
- Heavy duty construction resistant to chips and cracks
- Unglazed grinding surface for precise crushing and grinding
- Oversized pestles for efficient grinding

Code	Outer Dia.	Capacity
CH0541A	70 mm	50 ml
CH0541B	80 mm	70 ml
CH0541C	90 mm	150 ml
CH0541D	115 mm	275 ml
CH0541E	130 mm	400 ml
CH0541F	165 mm	750 ml
CH0541G	210 mm	1900 ml

**Spare Pestle** ³

- Replacement pestles made of porcelain
- Heavy duty construction resistant to chips and cracks
- Grinding surface unglazed for precise grinding and crushing

Code	Length
CH0543A	97 mm
CH0543B	114 mm
CH0543C	130 mm
CH0543D	157 mm
CH0543E	180 mm
CH0543F	194 mm
CH0543G	222 mm



Casseroles ¹

- Complete porcelain construction
- Features spout for drip free pouring
- Glazed inside and outside except for rim and top of handle

Code	Capacity
CH0509A	65 ml
CH0509B	200 ml
CH0509C	500 ml
CH0509M	35 ml
CH0509N	85 ml
CH0509O	120 ml
CH0509P	400 ml



Spotting Plates

- Complete porcelain construction
- Glazed on top and sides
- Flat bottom
- Excellent chemical resistance

Code	Specs
CH0542A ²	6 cavity - Porcelain
CH0542B ³	12 cavity - Porcelain
CH0542E	3 cavity - Porcelain
CH0542F	9 cavity - Porcelain



Porcelain Spatula

- Made of porcelain
- Fully glazed
- One end spatula and other end spoon

Code	Length
CH196017	100 mm
CH196018	125 mm
CH196019 ⁴	145 mm
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CH196021	200 mm
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CH0241A01WT.....	58	CH0298B.....	152	CH0314D.....	238	CH0319GNUP2H.....	242	CH0321L2H.....	244
CH0241B.....	58	CH0298C.....	152	CH0314D1H.....	239	CH0319H.....	240	CH0321M.....	243
CH0241BWT.....	58	CH0298D.....	152	CH0314D2H.....	239	CH0319HNUP.....	241	CH0321M1H.....	244
CH0241C.....	58	CH0299A.....	152	CH0314E.....	238	CH0319HNUP1H.....	242	CH0321M2H.....	244
CH0241CWT.....	58	CH0299B.....	152	CH0314E1H.....	239	CH0319HNUP2H.....	242	CH0321N.....	243
CH0241D.....	58	CH0301A.....	87	CH0314E2H.....	239	CH0319I.....	240	CH0321N1H.....	244
CH0241DWT.....	58	CH0301B.....	87	CH0314F.....	238	CH0319INUP.....	241	CH0321N2H.....	244
CH0241D01.....	58	CH0301C.....	87	CH0314F1H.....	239	CH0319INUP1H.....	242	CH0321O.....	243
CH0241D01WT.....	58	CH0301D.....	87	CH0314F2H.....	239	CH0319INUP2H.....	242	CH0321O1H.....	244
CH0241D02.....	58	CH0304AN.....	87	CH0314G.....	238	CH0319J.....	240	CH0321O2H.....	244
CH0241D02WT.....	58	CH0304ANPST.....	87	CH0314G1H.....	239	CH0319JNUP.....	241	CH0321P.....	243
CH0241E.....	58	CH0304BN.....	87	CH0314G2H.....	239	CH0319JNUP1H.....	242	CH0321P1H.....	244
CH0241EWT.....	58	CH0304BNPST.....	87	CH0314H.....	238	CH0319JNUP2H.....	242	CH0321P2H.....	244
CH0241F.....	58	CH0304CN.....	87	CH0314H1H.....	239	CH0319K.....	240	CH0321Q.....	243
CH0241FWT.....	58	CH0304CNPST.....	87	CH0314H2H.....	239	CH0319KNUP.....	241	CH0321Q1H.....	244
CH0241J.....	58	CH0304DN.....	87	CH0314I.....	238	CH0319KNUP1H.....	242	CH0321Q2H.....	244
CH0241J01.....	58	CH0304DNPST.....	87	CH0314I1H.....	239	CH0319KNUP2H.....	242	CH0321R.....	243
CH0241J02.....	58	CH0304EN.....	87	CH0314I2H.....	239	CH0319L.....	240	CH0321R1H.....	244
CH0241K.....	58	CH0304ENPST.....	87	CH0314J.....	238	CH0319LNUP.....	241	CH0321R2H.....	244
CH0241L.....	58	CH0304FN.....	87	CH0314J1H.....	239	CH0319LNUP1H.....	242	CH0321S.....	243
CH0241M.....	58	CH0304FNPST.....	87	CH0314J2H.....	239	CH0319LNUP2H.....	242	CH0321S1H.....	244
CH0241M01.....	58	CH0304GN.....	87	CH0314K.....	238	CH0319M.....	240	CH0321S2H.....	244
CH0241N.....	58	CH0304GNPST.....	87	CH0314K1H.....	239	CH0319MNUP.....	241	CH0321T.....	243
CH0241O.....	58	CH0304HN.....	87	CH0314K2H.....	239	CH0319MNUP1H.....	242	CH0321T1H.....	244
CH0242A.....	61	CH0304HNPST.....	87	CH0314L.....	238	CH0319MNUP2H.....	242	CH0321T2H.....	244
CH0242B.....	61	CH0304IN.....	87	CH0314L1H.....	239	CH0319N.....	240	CH0321U.....	243
CH0242C.....	61	CH0304INPST.....	87	CH0314L2H.....	239	CH0319NNUP.....	241	CH0321U1H.....	244
CH0242D.....	61	CH0306AN.....	88	CH0314M.....	238	CH0319NNUP1H.....	242	CH0321U2H.....	244
CH0242E.....	61	CH0306ANPST.....	88	CH0314M1H.....	239	CH0319NNUP2H.....	242	CH0321V.....	243
CH0242F.....	61	CH0306BN.....	88	CH0314M2H.....	239	CH0319O.....	240	CH0321V1H.....	244
CH0242G.....	61	CH0306BNPST.....	88	CH0314N.....	238	CH0319ONUP.....	241	CH0321V2H.....	244
CH0242H.....	61	CH0306CN.....	88	CH0314N1H.....	239	CH0319ONUP1H.....	242	CH0321W.....	243
CH0242AAM.....	61	CH0306CNPST.....	88	CH0314N2H.....	239	CH0319ONUP2H.....	242	CH0321W1H.....	244
CH0242BAM.....	61	CH0306DN.....	88	CH0314N01.....	238	CH0319P.....	240	CH0321W2H.....	244
CH0242CAM.....	61	CH0306DNPST.....	88	CH0314N011H.....	239	CH0319PNUP.....	241	CH0321X.....	243
CH0242DAM.....	61	CH0306EN.....	88	CH0314N012H.....	239	CH0319PNUP1H.....	242	CH0321X1H.....	244
CH0242P.....	62	CH0306ENPST.....	88	CH0314O.....	238	CH0319PNUP2H.....	242	CH0321X2H.....	244
CH0242Q.....	62	CH0306FN.....	88	CH0314O1H.....	239	CH0319Q.....	240	CH0321Y.....	243
CH0242R.....	62	CH0306FNPST.....	88	CH0314O2H.....	239	CH0319QNUP.....	241	CH0321Y1H.....	244
CH0242S.....	62	CH0306GN.....	88	CH0314P.....	238	CH0319QNUP1H.....	242	CH0321Y2H.....	244
CH0242T.....	62	CH0306GNPST.....	88	CH0314P1H.....	239	CH0319QNUP2H.....	242	CH0321Z.....	243
CH0242U.....	62	CH0306HN.....	88	CH0314P2H.....	239	CH0319R.....	240	CH0321Z1H.....	244
CH0242V.....	62	CH0306HNPST.....	88	CH0314Q.....	238	CH0319RNUP.....	241	CH0321Z2H.....	244
CH0242W.....	62	CH0306IN.....	88	CH0314Q1H.....	239	CH0319RNUP1H.....	242	CH0341ABL.....	67
CH0242J.....	62	CH0306INPST.....	88	CH0314Q2H.....	239	CH0319RNUP2H.....	242	CH0341A.....	67
CH0242K.....	62	CH0306IN01.....	88	CH0314R.....	238	CH0319S.....	240	CH0341A05BL.....	67
CH0243A.....	60	CH0306IN01PST.....	88	CH0314R1H.....	239	CH0319SNUP.....	241	CH0341A05.....	67
CH0243B.....	60	CH0307A.....	88	CH0314R2H.....	239	CH0319SNUP1H.....	242	CH0341BBL.....	67
CH0243C.....	60	CH0307APST.....	88	CH0314S.....	238	CH0319SNUP2H.....	242	CH0341B.....	67
CH0243D.....	60	CH0307B.....	88	CH0314S1H.....	239	CH0319T.....	240	CH0341CBL.....	67
CH0243A.....	60	CH0307BPST.....	88	CH0314S2H.....	239	CH0319TNUP.....	241	CH0341C.....	67
CH0245A.....	60	CH0307C.....	88	CH0314T.....	238	CH0319TNUP1H.....	242	CH0341DBL.....	67
CH0245B.....	60	CH0307CPST.....	88	CH0314T1H.....	239	CH0319TNUP2H.....	242	CH0341D.....	67
CH0245E.....	60	CH0307D.....	88	CH0314T2H.....	239	CH0321A.....	243	CH0341EBL.....	67
CH0245F.....	60	CH0307DPST.....	88	CH0314U.....	238	CH0321A1H.....	244	CH0341E.....	67



CH0341FBL	67	CH0345K	64	CH0352A	70	CH0372E	197	CH0412D	34
CH0341F	67	CH0345KWT	64	CH0352B	70	CH0374A	197	CH0412E	34
CH0341GBL	67	CH0345L	64	CH0352C	70	CH0374B	197	CH0412E01	34
CH0341G	67	CH0345LWT	64	CH0352D	70	CH0374C	197	CH0412F	34
CH0341HBL	67	CH0345M	64	CH0352E	70	CH0375A	197	CH0412F01	34
CH0341H	67	CH0345MWT	64	CH0352F	70	CH0375B	197	CH0412G	34
CH0341I	68	CH0345N	64	CH0352G	70	CH0376A	197	CH0412H	34
CH0341IBL	68	CH0345NWT	64	CH0354AES	192	CH0376B	197	CH0412I	34
CH0341I05	68	CH0345O	64	CH0354BES	192	CH0402B	34	CH0412I01	34
CH0341I05BL	68	CH0345OWT	64	CH0354CES	192	CH0402C	34	CH0412J	34
CH0341J	68	CH0346A	65	CH0354DES	192	CH0402E	34	CH0412K	34
CH0341JBL	68	CH0346AWT	65	CH0354EES	192	CH0402F	34	CH0412L	34
CH0341K	68	CH0346B	65	CH0354FES	192	CH0402G	34	CH0412L01	34
CH0341KBL	68	CH0346BWT	65	CH0354GES	192	CH0402H	34	CH0412L02	34
CH0341L	68	CH0346C	65	CH0354I	192	CH0402I	34	CH0412M	34
CH0341LBL	68	CH0346CWT	65	CH0354J	192	CH0402J	34	CH0412N	34
CH0341M	68	CH0346D	65	CH0354K	192	CH0402K	34	CH0412O	34
CH0341MBL	68	CH0346DWT	65	CH0354L	192	CH0402L	34	CH0412P	34
CH0341N	68	CH0346E	65	CH0354M	192	CH0402M	34	CH0412Q	34
CH0341NBL	68	CH0346EWT	65	CH0354N	192	CH0403A	35	CH0412R	34
CH0341O	68	CH0348A	66	CH0354O	192	CH0403B	35	CH0412S	34
CH0341OBL	68	CH0348AWT	66	CH0354P	193	CH0403C	35	CH0412T	34
CH0341P	68	CH0348B	66	CH0354Q	193	CH0403D	35	CH0412U	34
CH0341PBL	68	CH0348BWT	66	CH0354R	193	CH0403E	35	CH0416A25	44
CH0344A	63	CH0348C	66	CH0354S	193	CH0403F	35	CH0416A50	44
CH0344AWT	63	CH0348CWT	66	CH0354T	193	CH0404A	36	CH0416A	44
CH0344A5	63	CH0348D	66	CH0354U	193	CH0404B	36	CH0416B	44
CH0344A5WT	63	CH0348DWT	66	CH0354V	193	CH0404B01	36	CH0416C	44
CH0344A10	63	CH0348E	66	CH0355A	193	CH0404B02	36	CH0416D	44
CH0344A10WT	63	CH0348EWT	66	CH0355B	193	CH0404C	36	CH0418A	40
CH0344B	63	CH0348F	66	CH0355C	193	CH0404D	36	CH0418B	40
CH0344BWT	63	CH0348FWT	66	CH0355D	193	CH0404E	36	CH0418B01	40
CH0344C	63	CH0348G	66	CH0355E	193	CH0404E01	36	CH0418C	40
CH0344CWT	63	CH0348GWT	66	CH0355F	70	CH0404F	36	CH0418D	40
CH0344D	63	CH0348H	66	CH0355G	70	CH0404F01	36	CH0418E	40
CH0344DWT	63	CH0348HWT	66	CH0355A	195	CH0404G	36	CH0418E01	40
CH0344E	63	CH0348I	65	CH0355B	195	CH0404H	36	CH0418F	40
CH0344EWT	63	CH0348IWT	65	CH0355C	195	CH0404I	36	CH0418G	40
CH0344F	63	CH0348J	65	CH0355D	195	CH0404I01	36	CH0418H	40
CH0344FWT	63	CH0348JWT	65	CH0355E	195	CH0404J	36	CH0418H01	40
CH0344G	63	CH0348K	65	CH0355F	195	CH0404K	36	CH0418H02	40
CH0344GWT	63	CH0348KWT	65	CH0355G	195	CH0404L	36	CH0418I	40
CH0344H	63	CH0348L	65	CH0355H	195	CH0404L01	36	CH0418J	40
CH0344HWT	63	CH0348LWT	65	CH0355I	195	CH0404M	36	CH0418J01	40
CH0344I	63	CH0348M	65	CH0355J	195	CH0404N	36	CH0418J02	40
CH0344IWT	63	CH0348MWT	65	CH0355K	195	CH0404O	36	CH0418J03	40
CH0344J	63	CH0348N	65	CH0355L	195	CH0404P	36	CH0418K	41
CH0344JWT	63	CH0348NWT	65	CH0355M	195	CH0404Q	36	CH0418L	41
CH0344K	63	CH0348O	65	CH0355N	195	CH0404R	36	CH0418L01	41
CH0344KWT	63	CH0348OWT	65	CH0355O	195	CH0404S	36	CH0418L02	41
CH0344L	63	CH0348P	65	CH0355P	195	CH0404T	36	CH0418M	41
CH0344LWT	63	CH0348PWT	65	CH0355Q	195	CH0404U	36	CH0418N	41
CH0344M	63	CH0349A	67	CH0355R	195	CH0406A01	38	CH0418O	41
CH0344MWT	63	CH0349AWT	67	CH0355S	195	CH0406A	38	CH0418O01	41
CH0344N	63	CH0349B	67	CH0355T	195	CH0406B	38	CH0418O02	41
CH0344NWT	63	CH0349BWT	67	CH0355U	195	CH0406B01	38	CH0418O03	41
CH0344O	63	CH0349C	67	CH0355V	195	CH0406C	38	CH0418P	41
CH0344OWT	63	CH0349CWT	67	CH0355W	195	CH0406C01	38	CH0418Q	41
CH0344P	63	CH0349D	67	CH0355X	195	CH0406H	39	CH0418R	41
CH0344PWT	63	CH0349DWT	67	CH0355Y	195	CH0406I	39	CH0418R01	41
CH0345A	64	CH0349E	67	CH0356A	196	CH0407A	39	CH0418R02	41
CH0345AWT	64	CH0349EWT	67	CH0356B	196	CH0407B	39	CH0418S	41
CH0345A05	64	CH0349F	67	CH0356C	196	CH0407C	39	CH0418T	41
CH0345A05WT	64	CH0349FWT	67	CH0356D	196	CH0407D	39	CH0418U	41
CH0345A10	64	CH0349G	67	CH0356E	196	CH0410B	33	CH0418U01	41
CH0345A10WT	64	CH0349GWT	67	CH0356F	196	CH0410C	33	CH0418U02	41
CH0345B	64	CH0349H	67	CH0356G	196	CH0410E	33	CH0418V	41
CH0345BWT	64	CH0349HWT	67	CH0356H	196	CH0410F	33	CH0418W	41
CH0345C	64	CH0349I	66	CH0356I	196	CH0410G	33	CH0418X	41
CH0345CWT	64	CH0349IWT	66	CH0356J	196	CH0410H	33	CH0419A	41
CH0345D	64	CH0349J	66	CH0356K	196	CH0410I	33	CH0419A01	41
CH0345DWT	64	CH0349JWT	66	CH0356L	196	CH0410J	33	CH0419B	41
CH0345E	64	CH0349K	66	CH0356M	196	CH0410K	33	CH0419C	41
CH0345EWT	64	CH0349KWT	66	CH0356N	196	CH0410L	33	CH0419C01	41
CH0345F	64	CH0349L	66	CH0356O	196	CH0410M	33	CH0419D	41
CH0345FWT	64	CH0349LWT	66	CH0356P	196	CH0411A	33	CH0419E	41
CH0345G	64	CH0349M	66	CH0356Q	196	CH0411B	33	CH0419E01	41
CH0345GWT	64	CH0349MWT	66	CH0356R	196	CH0411C	33	CH0419F	41
CH0345H	64	CH0349N	66	CH0356S	196	CH0411D	33	CH0419F01	41
CH0345HWT	64	CH0349NWT	66	CH0356T	196	CH0411E	33	CH0419F02	41
CH0345H05	64	CH0349O	66	CH0356U	196	CH0411F	33	CH0419G	41
CH0345H05WT	64	CH0349OWT	66	CH0356V	196	CH0412A	34	CH0419G01	41
CH0345I	64	CH0349P	66	CH0356W	196	CH0412B	34	CH0419G02	41
CH0345IWT	64	CH0349PWT	66	CH0356X	196	CH0412B01	34	CH0419H	41
CH0345J	64	CH0350A	70	CH0356Y	196	CH0412B02	34	CH0419I	41
CH0345JWT	64	CH0350B	70	CH0357A	197	CH0412C	34	CH0419K	40
				CH0357B	197				
				CH0357C	197				
				CH0357D	197				



CH0419L.....	40	CH0428O.....	26	CH0440K.....	50	CH0445A01WT.....	52	CH0448GWT.....	47
CH0419M.....	40	CH0428P.....	26	CH0440KWT.....	50	CH0445A02.....	52	CH0448H.....	47
CH0419N.....	40	CH0429A.....	27	CH0440L.....	50	CH0445A02WT.....	52	CH0448HWT.....	47
CH0419O.....	40	CH0429B.....	27	CH0440LWT.....	50	CH0445A.....	52	CH0448I.....	47
CH0419P.....	40	CH0429C.....	27	CH0441A01.....	51	CH0445AWT.....	52	CH0448IWT.....	47
CH0419Q.....	40	CH0429D.....	27	CH0441A01WT.....	51	CH0445B.....	52	CH0448J.....	47
CH0419R.....	40	CH0429E.....	27	CH0441A02.....	51	CH0445BWT.....	52	CH0448JWT.....	47
CH0419S.....	40	CH0430B.....	27	CH0441A02WT.....	51	CH0445C.....	52	CH0448K.....	47
CH0419T.....	40	CH0430C.....	27	CH0441A.....	51	CH0445CWT.....	52	CH0448KWT.....	47
CH0419U.....	40	CH0430C01.....	27	CH0441AWT.....	51	CH0445D.....	52	CH0449A.....	48
CH0419V.....	40	CH0430D.....	27	CH0441B.....	51	CH0445DWT.....	52	CH0449B.....	48
CH0419W.....	40	CH0430E.....	27	CH0441BWT.....	51	CH0445E.....	52	CH0449B01.....	48
CH0419X.....	40	CH0430F.....	27	CH0441C.....	51	CH0445EWT.....	52	CH0449C.....	48
CH0419Y.....	40	CH0430G.....	27	CH0441CWT.....	51	CH0445F.....	52	CH0449D.....	48
CH0419Z.....	40	CH0431F.....	194	CH0441D.....	51	CH0445FWT.....	52	CH0449E.....	48
CH0420A.....	31	CH0431G.....	194	CH0441DWT.....	51	CH0445G.....	52	CH0449F.....	48
CH0420APST.....	31	CH0431H.....	194	CH0441E.....	51	CH0445GWT.....	52	CH0449G.....	48
CH0420B.....	31	CH0434A.....	30	CH0441EWT.....	51	CH0445H.....	52	CH0449H.....	48
CH0420BPST.....	31	CH0434B.....	30	CH0441F.....	51	CH0445HWT.....	52	CH0449I.....	48
CH0420C.....	31	CH0434C.....	30	CH0441FWT.....	51	CH0445I01.....	53	CH0449J.....	48
CH0420CPST.....	31	CH0434D.....	30	CH0441G.....	51	CH0445I01WT.....	53	CH0450A.....	48
CH0420D.....	31	CH0434E.....	30	CH0441GWT.....	51	CH0445I02.....	53	CH0450B.....	48
CH0420DPST.....	31	CH0435A050.....	44	CH0441H.....	51	CH0445I02WT.....	53	CH0450B01.....	48
CH0420E.....	31	CH0435A.....	44	CH0441HWT.....	51	CH0445I.....	53	CH0450C.....	48
CH0420EPST.....	31	CH0435A01.....	44	CH0442A01.....	52	CH0445IWT.....	53	CH0450D.....	48
CH0420F.....	31	CH0435B.....	44	CH0442A01WT.....	52	CH0445J.....	53	CH0450E.....	48
CH0420FFST.....	31	CH0435C.....	44	CH0442A02.....	52	CH0445JWT.....	53	CH0450F.....	48
CH0421.....	244	CH0435D.....	44	CH0442A02WT.....	52	CH0445K.....	53	CH0450G.....	48
CH0422A.....	32	CH0435E.....	44	CH0442A.....	52	CH0445KWT.....	53	CH0450H.....	48
CH0422B.....	32	CH0435F.....	44	CH0442AWT.....	52	CH0445L.....	53	CH0450I.....	48
CH0422C.....	32	CH0435G.....	44	CH0442B.....	52	CH0445LWT.....	53	CH0450J.....	48
CH0422C01.....	32	CH0436A.....	44	CH0442BWT.....	52	CH0445M.....	53	CH0451A01.....	49
CH0422D.....	32	CH0436B.....	44	CH0442C.....	52	CH0445MWT.....	53	CH0451A02.....	49
CH0422D01.....	32	CH0436B01.....	44	CH0442CWT.....	52	CH0445N.....	53	CH0451A.....	49
CH0422E.....	32	CH0436C.....	44	CH0442D.....	52	CH0445NWT.....	53	CH0451B.....	49
CH0422F.....	32	CH0436D.....	44	CH0442DWT.....	52	CH0445O.....	53	CH0451B01.....	49
CH0423A.....	194	CH0436E.....	44	CH0442E.....	52	CH0445OWT.....	53	CH0451C.....	49
CH0423B.....	194	CH0436F.....	44	CH0442EFG.....	134	CH0445P.....	53	CH0451D.....	49
CH0424B.....	25	CH0438A.....	45	CH0442EWT.....	52	CH0445PWT.....	53	CH0451E.....	49
CH0424C.....	25	CH0438B.....	45	CH0442F.....	52	CH0446A01.....	47	CH0451F.....	49
CH0424D.....	25	CH0438C.....	45	CH0442FWT.....	52	CH0446A01WT.....	47	CH0451G.....	49
CH0424E.....	25	CH0438D.....	45	CH0442G.....	52	CH0446A02.....	47	CH0451H.....	49
CH0424E01.....	25	CH0439A.....	49	CH0442GWT.....	52	CH0446A02WT.....	47	CH0451I.....	49
CH0424F.....	25	CH0439AWT.....	49	CH0442H.....	52	CH0446A.....	47	CH0451J.....	49
CH0424F01.....	25	CH0439B.....	49	CH0442HWT.....	52	CH0446AWT.....	47	CH0452A.....	198
CH0424G.....	25	CH0439BWT.....	49	CH0443A01.....	53	CH0446B.....	47	CH0452B.....	198
CH0424H.....	25	CH0439C.....	49	CH0443A01WT.....	53	CH0446BWT.....	47	CH0452C.....	198
CH0424I.....	25	CH0439CWT.....	49	CH0443A02.....	53	CH0446B01.....	47	CH0452D.....	198
CH0424J.....	25	CH0439D.....	49	CH0443A02WT.....	53	CH0446B01WT.....	47	CH0452E.....	198
CH0424K.....	25	CH0439DWT.....	49	CH0443A03.....	53	CH0446C.....	47	CH0452F.....	198
CH0426A02.....	25	CH0439E.....	49	CH0443A03WT.....	53	CH0446CWT.....	47	CH0454A.....	198
CH0426A03.....	25	CH0439EWT.....	49	CH0443A.....	53	CH0446D.....	47	CH0454B.....	198
CH0426A.....	25	CH0439F.....	49	CH0443AWT.....	53	CH0446DWT.....	47	CH0454C.....	198
CH0426B01.....	25	CH0439FWT.....	49	CH0443B.....	53	CH0446E.....	47	CH0454D.....	198
CH0426B.....	25	CH0439G.....	49	CH0443BWT.....	53	CH0446EWT.....	47	CH0454E.....	198
CH0426C01.....	25	CH0439GWT.....	49	CH0443C.....	53	CH0446F.....	47	CH0455A.....	199
CH0426C.....	25	CH0439H.....	49	CH0443CWT.....	53	CH0446FWT.....	47	CH0455B.....	199
CH0426D.....	25	CH0439HWT.....	49	CH0443D.....	53	CH0446G.....	47	CH0456A01.....	45
CH0426E.....	25	CH0439I.....	49	CH0443DWT.....	53	CH0446GWT.....	47	CH0456A02.....	45
CH0428A.....	26	CH0439IWT.....	49	CH0443E.....	53	CH0446H.....	47	CH0456A03.....	45
CH0428A01.....	26	CH0439J.....	49	CH0443EWT.....	53	CH0446HWT.....	47	CH0456A.....	45
CH0428B.....	26	CH0439JWT.....	49	CH0443F.....	53	CH0446I.....	47	CH0456B01.....	45
CH0428B01.....	26	CH0439K.....	49	CH0443FWT.....	53	CH0446IWT.....	47	CH0456B.....	45
CH0428B02.....	26	CH0439KWT.....	49	CH0443G.....	53	CH0446J.....	47	CH0456C.....	45
CH0428B03.....	26	CH0439L.....	49	CH0443GWT.....	53	CH0446JWT.....	47	CH0456C01.....	45
CH0428C.....	26	CH0439LWT.....	49	CH0444A01.....	54	CH0446K.....	47	CH0456C02.....	45
CH0428C01.....	26	CH0440A.....	50	CH0444A01WT.....	54	CH0446KWT.....	47	CH0456D.....	45
CH0428D.....	26	CH0440AWT.....	50	CH0444A02.....	54	CH0448A01.....	47	CH0456E.....	45
CH0428D01.....	26	CH0440B.....	50	CH0444A02WT.....	54	CH0448A01WT.....	47	CH0456F.....	45
CH0428D02.....	26	CH0440BWT.....	50	CH0444A03.....	54	CH0448A02.....	47	CH0457A.....	198
CH0428E01.....	26	CH0440C.....	50	CH0444A03WT.....	54	CH0448A02WT.....	47	CH0457B.....	198
CH0428E.....	26	CH0440CWT.....	50	CH0444A.....	54	CH0448A.....	47	CH0457C.....	198
CH0428F.....	26	CH0440D.....	50	CH0444AWT.....	54	CH0448AWT.....	47	CH0457D.....	198
CH0428G.....	26	CH0440DWT.....	50	CH0444B.....	54	CH0448B.....	47	CH0458A.....	45
CH0428G01.....	26	CH0440E.....	50	CH0444BWT.....	54	CH0448BWT.....	47	CH0458B.....	45
CH0428H.....	26	CH0440EWT.....	50	CH0444C.....	54	CH0448B01.....	47	CH0458C.....	45
CH0428H01.....	26	CH0440F.....	50	CH0444CWT.....	54	CH0448B01WT.....	47	CH0458D.....	45
CH0428I.....	26	CH0440FWT.....	50	CH0444D.....	54	CH0448C.....	47	CH0458E.....	45
CH0428I01.....	26	CH0440G.....	50	CH0444DWT.....	54	CH0448CWT.....	47	CH0458F.....	45
CH0428J.....	26	CH0440GWT.....	50	CH0444E.....	54	CH0448D.....	47	CH0459A.....	46
CH0428K.....	26	CH0440H.....	50	CH0444EWT.....	54	CH0448DWT.....	47	CH0459B.....	46
CH0428L.....	26	CH0440HWT.....	50	CH0444F.....	54	CH0448E.....	47	CH0459C.....	46
CH0428L01.....	26	CH0440I.....	50	CH0444FWT.....	54	CH0448EWT.....	47	CH0459D.....	46
CH0428M.....	26	CH0440IWT.....	50	CH0444G.....	54	CH0448F.....	47	CH0459E.....	46
CH0428N.....	26	CH0440J.....	50	CH0444GWT.....	54	CH0448FWT.....	47	CH0459F.....	46
CH0428N01.....	26	CH0440JWT.....	50	CH0445A01.....	52	CH0448G.....	47	CH0460A.....	46



CH0460B.....	46	CH0466JG4.....	75	CH0474B.....	78	CH0484F.....	84	CH0558C.....	71
CH0460C.....	46	CH0466J01G3.....	75	CH0474BGR.....	78	CH0485A.....	84	CH0558CWT.....	71
CH0460D.....	46	CH0466J01G4.....	75	CH0474C.....	78	CH0485B.....	84	CH0558C01.....	71
CH0460E.....	46	CH0466J02G3.....	75	CH0474CGR.....	78	CH0485C.....	84	CH0558C01WT.....	71
CH0460F.....	46	CH0466J02G4.....	75	CH0474D.....	78	CH0485D.....	84	CH0558C02.....	71
CH0461A.....	200	CH0467.....	199	CH0474DGR.....	78	CH0485E.....	84	CH0558C02WT.....	71
CH0461B.....	200	CH0467B.....	199	CH0474E.....	78	CH0485F.....	84	CH0558C03.....	71
CH0461C.....	200	CH0468.....	199	CH0474EGR.....	78	CH0487A.....	86	CH0558C03WT.....	71
CH0461D.....	200	CH0469A.....	79	CH0476A.....	82	CH0487B.....	86	CH0558C04.....	71
CH0461E.....	200	CH0469A01.....	79	CH0476AGR.....	82	CH0487C.....	86	CH0558C04WT.....	71
CH0461F.....	200	CH0469A02.....	79	CH0476A50.....	82	CH0487D.....	86	CH0558D.....	71
CH0461G.....	200	CH0469B.....	79	CH0476A50GR.....	82	CH0487E.....	86	CH0558DWT.....	71
CH0461H.....	200	CH0469B01.....	79	CH0476B.....	82	CH0487G.....	86	CH0558E.....	71
CH0461I.....	200	CH0469B02.....	79	CH0476BGR.....	82	CH0487H.....	86	CH0558EWT.....	71
CH0461J.....	46	CH0469C.....	79	CH0476C.....	82	CH0487I.....	86	CH0558F.....	71
CH0461K.....	46	CH0469D.....	79	CH0476CGR.....	82	CH0487J.....	86	CH0558FWT.....	71
CH0461L.....	46	CH0469E.....	79	CH0476D.....	82	CH0487K.....	86	CH0558G.....	71
CH0462A.....	251	CH0469F.....	79	CH0476DGR.....	82	CH0495A.....	46	CH0558GWT.....	71
CH0462B.....	251	CH0469G.....	79	CH0476E.....	82	CH0495B.....	46	CH0558H.....	71
CH0462C.....	251	CH0469G01.....	79	CH0476EGR.....	82	CH0495C.....	46	CH0558HWT.....	71
CH0462D.....	251	CH0469G02.....	79	CH0478A.....	82	CH0505A.....	200	CH0558I.....	71
CH0462E.....	251	CH0469H.....	79	CH0478AGR.....	82	CH0505B.....	200	CH0558IWT.....	71
CH0462F.....	251	CH0469H01.....	79	CH0478B.....	82	CH0505C.....	200	CH0559A.....	71
CH0462G.....	251	CH0469H02.....	79	CH0478BGR.....	82	CH0509A.....	253	CH0559A2M.....	72
CH0462H.....	251	CH0469I.....	79	CH0478C.....	82	CH0509B.....	253	CH0559AWT.....	71
CH0462I.....	251	CH0469J.....	79	CH0478CGR.....	82	CH0509C.....	253	CH0559B.....	71
CH0462J.....	251	CH0469K.....	79	CH0478D.....	82	CH0509D.....	251	CH0559B2M.....	72
CH0464A.....	199	CH0469L.....	79	CH0478DGR.....	82	CH0509E.....	251	CH0559BWT.....	71
CH0464B.....	199	CH0469M.....	80	CH0478E.....	82	CH0509F.....	251	CH0559B01.....	71
CH0464C.....	199	CH0469M01.....	80	CH0478EGR.....	82	CH0509G.....	251	CH0559B01WT.....	71
CH0465A.....	251	CH0469M02.....	80	CH0478F.....	82	CH0509M.....	253	CH0559B02.....	71
CH0465B.....	251	CH0469N.....	80	CH0478FGR.....	82	CH0509N.....	253	CH0559B02WT.....	71
CH0465C.....	251	CH0469N01.....	80	CH0479A.....	82	CH0509O.....	253	CH0559C.....	71
CH0465D.....	251	CH0469N02.....	80	CH0479AGR.....	82	CH0509P.....	253	CH0559C2M.....	72
CH0465E.....	251	CH0469O.....	80	CH0479B.....	82	CH0511C.....	22	CH0559CWT.....	71
CH0465FG1.....	74	CH0469P.....	80	CH0479BGR.....	82	CH0511D.....	22	CH0559C01.....	71
CH0465FG2.....	74	CH0469Q.....	80	CH0479C.....	82	CH0511E.....	22	CH0559C01WT.....	71
CH0465FG3.....	74	CH0469R.....	80	CH0479CGR.....	82	CH0516A.....	99	CH0559C02.....	71
CH0465FG4.....	74	CH0470A.....	77	CH0479D.....	82	CH0516B.....	99	CH0559C02WT.....	71
CH0465GG1.....	74	CH0470B.....	77	CH0479DGR.....	82	CH0516C.....	99	CH0559C03.....	71
CH0465GG2.....	74	CH0470C.....	77	CH0479E.....	82	CH0521SUP.....	157	CH0559C03WT.....	71
CH0465GG3.....	74	CH0470D.....	77	CH0479EGR.....	82	CH0525A.....	153	CH0559C04.....	71
CH0465GG4.....	74	CH0470E.....	77	CH0479F.....	82	CH0525B.....	153	CH0559C04WT.....	71
CH0465HG1.....	74	CH0470F.....	77	CH0479FGR.....	82	CH0526A.....	153	CH0559D.....	71
CH0465HG2.....	74	CH0470G.....	77	CH0480A.....	200	CH0526B.....	153	CH0559D2M.....	72
CH0465HG3.....	74	CH0470H.....	77	CH0480B.....	200	CH0527A.....	153	CH0559DWT.....	71
CH0465HG4.....	74	CH0470I.....	77	CH0480C.....	200	CH0527B.....	153	CH0559E.....	71
CH0466AG1.....	74	CH0470J.....	77	CH0481A.....	84	CH0527C.....	153	CH0559E2M.....	72
CH0466AG2.....	74	CH0471A.....	81	CH0481B.....	84	CH0527D.....	153	CH0559EWT.....	71
CH0466AG3.....	74	CH0471B.....	81	CH0481C.....	84	CH0530A.....	153	CH0559F.....	71
CH0466AG4.....	74	CH0471C.....	81	CH0481D.....	84	CH0530B.....	153	CH0559F2M.....	72
CH0466BG1.....	74	CH0471D.....	81	CH0481E.....	84	CH0530C.....	153	CH0559FWT.....	71
CH0466BG2.....	74	CH0471E.....	81	CH0481F.....	84	CH0535B.....	152	CH0559G.....	71
CH0466BG3.....	74	CH0471F.....	81	CH0481G.....	84	CH0540A.....	252	CH0559G2M.....	72
CH0466BG4.....	74	CH0471G.....	81	CH0481H.....	85	CH0540B.....	252	CH0559GWT.....	71
CH0466CG1.....	74	CH0471H.....	81	CH0481I.....	85	CH0540C.....	252	CH0559H.....	71
CH0466CG2.....	74	CH0471K.....	81	CH0481J.....	85	CH0540D.....	252	CH0559H2M.....	72
CH0466CG3.....	74	CH0471L.....	81	CH0481K.....	85	CH0540E.....	252	CH0559HWT.....	71
CH0466CG4.....	74	CH0471M.....	81	CH0481L.....	85	CH0540F.....	252	CH0559I.....	71
CH0466DG1.....	74	CH0471N.....	81	CH0481M.....	85	CH0540G.....	252	CH0559I2M.....	72
CH0466DG2.....	74	CH0471O.....	81	CH0481N.....	85	CH0541A.....	252	CH0559IWT.....	71
CH0466DG3.....	74	CH0471P.....	81	CH0482A.....	83	CH0541B.....	252	CH0572D.....	73
CH0466DG4.....	74	CH0471Q.....	81	CH0482B.....	83	CH0541C.....	252	CH0572DWT.....	73
CH0466EG1.....	74	CH0471R.....	81	CH0482C.....	83	CH0541D.....	252	CH0572E.....	73
CH0466EG2.....	74	CH0472A.....	77	CH0482D.....	83	CH0541E.....	252	CH0572EWT.....	73
CH0466EG3.....	74	CH0472AGR.....	77	CH0482E.....	83	CH0541F.....	252	CH0572F.....	73
CH0466EG4.....	74	CH0472B.....	77	CH0482F.....	83	CH0541G.....	252	CH0572FWT.....	73
CH0466FG3.....	75	CH0472BGR.....	77	CH0483A.....	85	CH0542A.....	253	CH0572G.....	73
CH0466FG4.....	75	CH0472C.....	77	CH0483B.....	85	CH0542B.....	253	CH0572GWT.....	73
CH0466F01G3.....	75	CH0472CGR.....	77	CH0483C.....	85	CH0542E.....	253	CH0572H.....	73
CH0466F01G4.....	75	CH0472D.....	77	CH0483D.....	85	CH0542F.....	253	CH0572HWT.....	73
CH0466GG3.....	75	CH0472DGR.....	77	CH0483E.....	85	CH0543A.....	252	CH0573A.....	72
CH0466GG4.....	75	CH0472E.....	77	CH0483F.....	85	CH0543B.....	252	CH0573AWT.....	72
CH0466G01G3.....	75	CH0472EGR.....	77	CH0483G.....	85	CH0543C.....	252	CH0573B.....	72
CH0466G02G4.....	75	CH0473A.....	78	CH0483J.....	85	CH0543D.....	252	CH0573BWT.....	72
CH0466HG3.....	75	CH0473AGR.....	78	CH0483K.....	85	CH0543E.....	252	CH0573C.....	72
CH0466HG4.....	75	CH0473B.....	78	CH0483L.....	85	CH0543F.....	252	CH0573CWT.....	72
CH0466H01G3.....	75	CH0473BGR.....	78	CH0483M.....	85	CH0543G.....	252	CH0573D.....	72
CH0466H02G4.....	75	CH0473C.....	78	CH0483N.....	85	CH0558A.....	71	CH0573DWT.....	72
CH0466IG3.....	75	CH0473CGR.....	78	CH0483O.....	85	CH0558AWT.....	71	CH0573E.....	72
CH0466IG4.....	75	CH0473D.....	78	CH0483P.....	85	CH0558B.....	71	CH0573EWT.....	72
CH0466I01G3.....	75	CH0473DGR.....	78	CH0484A.....	84	CH0558BWT.....	71	CH0580A.....	236
CH0466I01G4.....	75	CH0473E.....	78	CH0484B.....	84	CH0558B01.....	71	CH0580D.....	236
CH0466I02G3.....	75	CH0473EGR.....	78	CH0484C.....	84	CH0558B01WT.....	71	CH0587A.....	210
CH0466I02G4.....	75	CH0474A.....	78	CH0484D.....	84	CH0558B02.....	71	CH0587B.....	210
CH0466JG3.....	75	CH0474AGR.....	78	CH0484E.....	84	CH0558B02WT.....	71	CH0587C.....	210



CH0587C01	210	CH0635JSUP	156	CH0667A	145	CH0718APK48	101	CH0762F	246
CH0587D	210	CH0635KSUP	156	CH0668A	168	CH0718BPK48	101	CH0763A	247
CH0587E	210	CH0635QSUP	157	CH0668B	168	CH0718CPK48	101	CH0763B	247
CH0587F	210	CH0635PSUP	157	CH0668C	168	CH0718D01PK48	101	CH0764A	247
CH0587G	210	CH0635QSUP	157	CH0668D	168	CH0718EPK48	101	CH0764B	247
CH0587I	210	CH0635RSUP	157	CH0672ASS	168	CH0718FFK24	101	CH0764B01	247
CH0587J	210	CH0635SSUP	157	CH0672BSS	168	CH0718F01PK24	101	CH0764D	247
CH0587K	210	CH0635SETFC	155	CH0672CSS	168	CH0718GPK24	101	CH0764E	247
CH0589	213	CH0635TSUP	157	CH0674A	168	CH0718K	101	CH0764F	247
CH0590A	214	CH0635TFC	155	CH0674B	168	CH0718L	101	CH0764G	247
CH0590B	214	CH0636A	155	CH0674C	168	CH0718M	101	CH0764I01	247
CH0590A12P	214	CH0636ATFC	155	CH0674D	168	CH0718N	101	CH0764I	247
CH0591A	210	CH0636BTFC	155	CH0674E	168	CH0718O	101	CH0764I01	247
CH0591B	210	CH0636B	155	CH0688A	145	CH0718P	101	CH0764J	247
CH0591D	210	CH0636C	155	CH0688B	145	CH0718Q	101	CH0764M01	247
CH0591F	211	CH0637SUP	156	CH0688FBG	145	CH0718H	101	CH0764M	247
CH0591G	211	CH0637TFC	155	CH0689A	214	CH0719A	101	CH0764O01	247
CH0591H	211	CH0639	155	CH0689B	214	CH0719B	101	CH0764O	247
CH0591I	211	CH0640	155	CH0689C	214	CH0719C	101	CH0764P	247
CH0591J	211	CH0640B	155	CH0689D	215	CH0719D	101	CH0764Q	247
CH0591K	211	CH0640C	155	CH0689E	214	CH0719E	101	CH0764R	247
CH0591L	211	CH0642A	160	CH0690	215	CH0719F	101	CH0764S	247
CH0591N	211	CH0642B	160	CH0694A	202	CH0724A01PK24	102	CH0764T01	247
CH0591O	211	CH0643	161	CH0694B	202	CH0724APK24	102	CH0764T	247
CH0591P	211	CH0643A	161	CH0697	202	CH0724BPK24	102	CH0764V	247
CH0591Q	211	CH0643B	161	CH0702	215	CH0724B01PK24	102	CH0764W	247
CH0591R	211	CH0643C	161	CH0702B	215	CH0724CPK24	102	CH0764X01	247
CH0591S	211	CH0643D	161	CH0702C	215	CH0724DPK24	102	CH0764X	247
CH0591T	211	CH0643E	161	CH0703A	216	CH0724EPK12	102	CH0765A	207
CH0594	201	CH0644A	161	CH0703B	216	CH0724FPK12	102	CH0765B	207
CH0595	201	CH0644B	161	CH0703C	216	CH0725A	103	CH0765C	207
CH0596	201	CH0644SPL	162	CH0704A	215	CH0725B	103	CH0765D	207
CH0612A	228	CH0645A	162	CH0704B	215	CH0725C	103	CH0765E	207
CH0612B	228	CH0645B	162	CH0705A	217	CH0725D	103	CH0765EC	207
CH0612C	228	CH0645ASPL	162	CH0705B	217	CH0725E	103	CH0765F	207
CH0612D	228	CH0646A	162	CH0705C	217	CH0725F	103	CH0765FC	207
CH0612E	228	CH0646B	162	CH0705D	217	CH0725G	103	CH0765GC	207
CH0612F	228	CH0648A	163	CH0706A	216	CH0725H	103	CH0765H	207
CH0612G	228	CH0648B	163	CH0706B	216	CH0725I	103	CH0765I	207
CH0612H	228	CH0648C	163	CH0707A	205	CH0725J	103	CH0765J	207
CH0612I	228	CH0649A	163	CH0707B	205	CH0725K	103	CH0803A02	223
CH0612J	228	CH0649B	163	CH0707C	206	CH0725L	103	CH0803B	223
CH0613A	228	CH0649C	163	CH0707F	205	CH0725M	103	CH0803C	223
CH0613B	228	CH0649D	163	CH0707G	205	CH0725N	103	CH0803D01	223
CH0613C	228	CH0652BR8	170	CH0707H	205	CH0725P	103	CH0803E01	223
CH0614	229	CH0653ARD1	166	CH0708A	202	CH0725Q	103	CH0803E02	223
CH0616A	229	CH0653BRD2	166	CH0708B	202	CH0728B	175	CH0803F01	223
CH0616B	229	CH0653D1RD3	166	CH0708C	202	CH0729B	173	CH0803I	223
CH0616C	229	CH0653E1RD4	166	CH0708D	202	CH0730CSUP	175	CH0814	225
CH0616D	229	CH0654ASS	163	CH0708E	202	CH0730DSUP	175	CH0814A	225
CH0616HP	230	CH0654ASSRD1	167	CH0708F	202	CH0732A	174	CH0820A	90
CH0617A	229	CH0654BSS	163	CH0708G	202	CH0732B	174	CH0820B	90
CH0617B	229	CH0654BSSRD2	167	CH0708H	202	CH0732C	174	CH0820C	90
CH0617C	229	CH0654BSSRD3	167	CH0708I	202	CH0733BSUP	174	CH0820D	90
CH0617D	229	CH0654CSS	163	CH0708J	202	CH0734ESUP	173	CH0820E	90
CH0617E	229	CH0654CSSRD4	167	CH0708K	202	CH0734FSUP	173	CH0820F	90
CH0617F	229	CH0654F	164	CH0708L	202	CH0735ESUP	173	CH0820G	90
CH0617G	229	CH0654G	164	CH0708M	202	CH0735FSUP	173	CH0820H	90
CH0618A	229	CH0654H	164	CH0709A	203	CH0736BSUP	173	CH0820I	90
CH0619A	230	CH0654I	164	CH0709B	203	CH0736ESUP	157	CH0821A	90
CH0619DV	230	CH0655A	164	CH0709C	203	CH0737BSUP	157	CH0821B	90
CH0622A	232	CH0655B	164	CH0709D	203	CH0738CSUP	174	CH0821C	90
CH0622ANV	232	CH0655C	164	CH0709E	203	CH0740	174	CH0821D	90
CH0622B	232	CH0655E	164	CH0709F	203	CH0761A01	245	CH0821E	90
CH0622BNV	232	CH0655F	164	CH0709G	203	CH0761A	245	CH0821F	90
CH0622C	232	CH0655G	164	CH0709H	203	CH0761B	245	CH0821G	90
CH0622CNV	232	CH0656	164	CH0709I	203	CH0761C	245	CH0821H	90
CH0622D	232	CH0656A	165	CH0709J	203	CH0761C01	245	CH0821I	90
CH0622DNV	232	CH0657A	165	CH0709K	203	CH0761D	245	CH0822A	91
CH0632A	154	CH0657B	165	CH0710A	203	CH0761E	245	CH0822B	91
CH0632ATFC	155	CH0657C	165	CH0710B	203	CH0761F	245	CH0822C	91
CH0632B	154	CH0657D	165	CH0710C	203	CH0761G	245	CH0822D	91
CH0632C	154	CH0658A	165	CH0710D	203	CH0761H	245	CH0822E	91
CH0632FSUP	156	CH0658B	165	CH0710E	203	CH0761I	245	CH0822F	91
CH0634ASUP	156	CH0658C	165	CH0710F	203	CH0761J	245	CH0824A	92
CH0634BSUP	156	CH0658D	165	CH0710G	203	CH0761K	245	CH0824B	92
CH0634C	154	CH0659A	165	CH0711A	204	CH0761L	245	CH0824C	92
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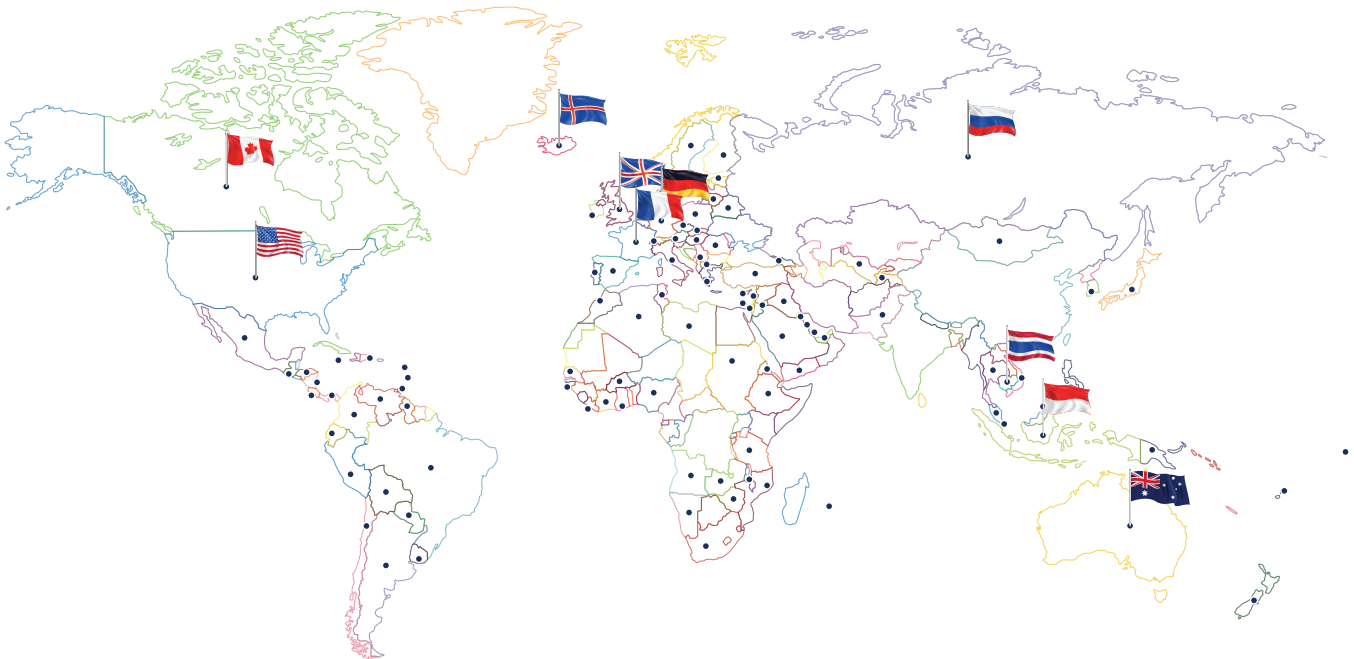


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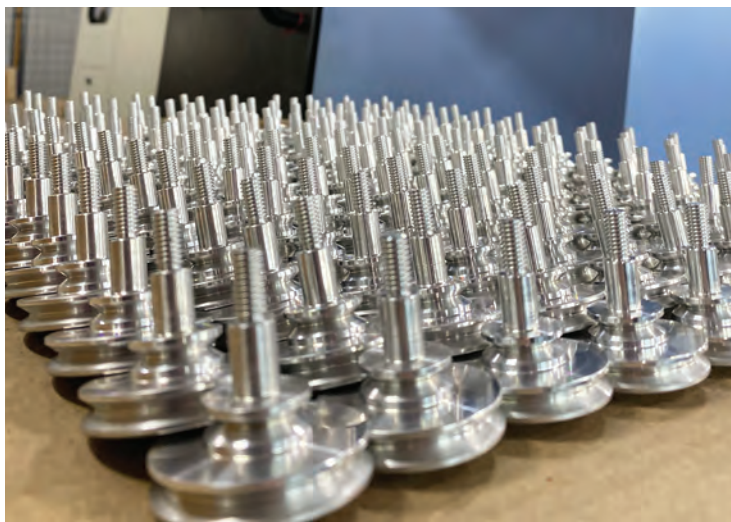
Notes:



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