

BENOYLAB®



CATALOG

Contributing to the Evolution of
Disposable Laboratory Consumables for 25 Years

WWW.BENOYLAB.COM

COMPANY PROFILE

Jiangsu Benoy Lab Instrument Co.,Ltd located in Yancheng city, Jiangsu province is a large scale professional manufacturer of laboratory consumables, with the strength of microscope slides, cover glass, laboratory glassware and laboratory plastic.

BENOYlab® owns a manufactory Yancheng Hongda Medical Instrument Co.,Ltd which was established in 1992. It has 8000 square meters standard workshop with automatic equipments and more than 200 capable staff.

We are an ISO 13485 certificated company and CE marked. We have three own brands which are BENOYlab®, HDMED® and WOODY. We follow intense quality control measures, audits and periodic reviews to ensure our plant,warehouse and maintenance system sun effectively and efficiently leaving no compromise on the quality served to the end user.

Being a private enterprise, BENOYlab® has been constructing its organizations exactly following the needs of developments since 1996. The young BENOYlab® team, having gone through considerable challenges, is becoming mature everyday. With the adoption of more and more professional for satisfying our customers.

Constant effort develops an experienced technician team,highest levels of quality products and customer service are our stated commitments.

Based on it, BENOYlab® exports 95% products to North America,European Union,Latin America,Middle East, etc,and has gained the trust and applause from the distributors of more than 50 countries. Cooperation, win-win, let us become your trusted partner.



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BENOYLAB®

MICROSCOPE SLIDES & COVER GLASS

The BENOYlab® Microscope Slides are compliance with the CE standard. To meet the different demands of modern laboratory, BENOYlab® provide with different quality choices so as to come out with exact solution: produced by super white glass, Boro 3.3 glass and high quality soda lime glass.

The BENOYlab® Microscope Slides are offered in a large selection of colors, corner styles and edges. The ground edge slide with 90° corners is perfect for use in automatic cover slip machines. The ground edge slide with 45° corners provides slightly clipped corners for comfortable handling and to prevent the risk of finger and hand cuts. The beveled edge slide with clipped corners is ideal for performing blood smears. The highly polished edges are specially angled to 45° to provide a secure grasp during the smearing process.

All slides are pre-cleaned and ready to use. BENOYlab® can also customize produce microscope slides for your particular needs.



CORNER/EDGE TYPES

BENOYlab® microscope slides are available in 3 corner/edge styles. Choose the combination that best suits your applications.

TRADITIONAL STYLE

90° ground edge
90° corners



SAFETY CORNERS

90° ground edge/45° corners
Corners are slightly clipped for safety and comfort



CLIPPED CORNERS

45° beveled edge/ clipped corners
No sharp edges
Perfect for blood smears



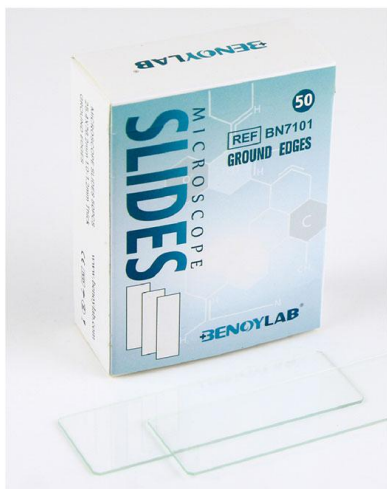
STANDARD MICROSCOPE SLIDES

Designed for routine experiments where no extra adhesion or no adaptability to auto-writers.

PLAIN MICROSCOPE SLIDES

The BENOYlab® plain microscope slides are available with your choice of ground, unground edges or beveled edges, corner styles: 90° or 45° corners.

ITEM #	DESCRIPTION	DIMENSIONS	THICKNESS	UNIT PACK
BN7101	Ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7102	Unground edges 90° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7101B	Beveled edges 45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs



FROSTED MICROSCOPE SLIDES

The BENOYlab® frosted microscope slides are chemical treated with a 20mm wide smooth frosted end on one side or both sides. Slide marking pens can be written on it. Available with your choice of ground, unground edges or beveled edges, corner styles: 90° or 45° corners.

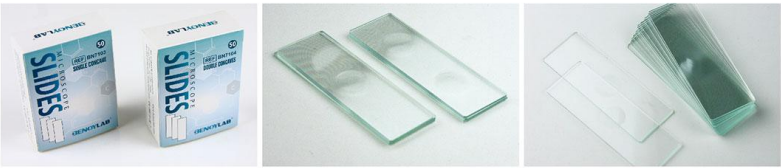
ITEM #	DESCRIPTION	DIMENSIONS	THICKNESS	UNIT PACK
BN7105	Single frosted ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7105-1	Single frosted unground edges 90° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7105B	Single frosted beveled edges 45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7107	Double frosted ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7107-1	Double frosted unground edges 90° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7107B	Double frosted beveled edges 45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs



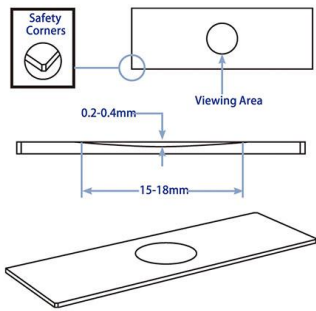
CONCAVE MICROSCOPE SLIDES

The BENOYlab® concave microscope slides are ideal for holding liquids and cultures for microscopic examination. They are offered single or double concaves, ground edges and 45° corner. Concaves are 15-18mm diameter with 0.2-0.4mm depth. Two style are available: single and double concave: Pre-cleaned and ready to use
Spherically polished concave are 14mm diameter with 0.2-0.4mm depth

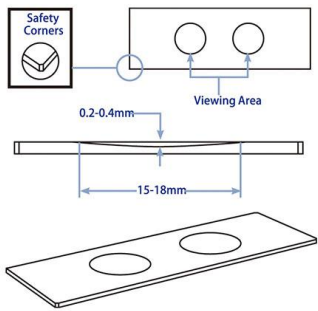
ITEM #	DESCRIPTION	DIMENSIONS	THICKNESS	UNIT PACK
BN7103	Single concave ground edges 45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7104	Double concaves ground edges 45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs



SINGLE CONCAVE



DOUBLE CONCAVES



COLOR FROSTED MICROSCOPE SLIDES

The BENOYlab® color frosted microscope slides are printed with 20mm wide bright, attractive colors on one end one side. The color area can be marked with the conventional labeling system, pencil or mark pens.

Standard colors: blue, green, orange, pink, white, yellow. Special colors are supplied depending on your requirements.

ITEM #	DESCRIPTION	DIMENSIONS	THICKNESS	UNIT PACK
BN7109B	Color frosted, blue ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7109G	Color frosted, green ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7109O	Color frosted, orange ground edges 45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7109P	Color frosted, pink ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7109W	Color frosted, white ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BN7109Y	Color frosted, yellow ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs



ADHESIVE MICROSCOPE SLIDES

The BENOYlab® adhesive microscope slides are packaged in high quality plastic boxes and double cellophane wrapped to protect against moisture and foreign particles.



POSITIVE CHARGED SLIDES

These Color-Frosted(+) glass slides are made by a new process which offers the following features: It places a permanent positive charge in the microscope slide.

They electrostatically attract frozen tissue sections and cytology preparations, binding them to the slide.

They form a bridge so that covalent bonds develop between formalin fixed sections and the glass.

Tissue sections and cytological preparations adhere better to the plus glass slides without the need for special adhesives or protein coatings.

SILANE SLIDES

This kind of slide is prepared by Silane which is to enhance adhesion of histological and plastic sections to microscope slide.

POLYSINE SLIDES

Our premium glass slides with a frosted end are now available pre-coated with Polysine. It improves the adhesion of tissues to the slide.

ITEM #	DESCRIPTION	DIMENSIONS	THICKNESS	UNIT PACK
BNA01	Positive Charged Slides ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BNA02	Silane Slides ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs
BNA03	Polysine Slides ground edges 90°/45° corners	25.4 x 76.2mm (1"x3")	1.0-1.2mm	50/72pcs

MICROSCOPE COVER GLASS

The BENOYlab® Cover Glass are compliance with the CE standard, and produced by high quality soda lime glass, boro 3.3 glass and super white glass. The BENOYlab® Cover Glass is available in eight square standard sizes and ten circular sizes. Customized sizes are also available.

THICKNESS

- No. 1: 0.13-0.16mm
- No. 1.5: 0.16-0.19mm
- No. 2: 0.19-0.22mm

PACKING

- Individual Packing: 200pcs or 1 oz per box. Each flip top box contains a desiccant and is vacuum sealed in a aluminum foil bag to prevent sticking.
- Standard Packing: 200pcs or 1 oz per box. Each flip top box contains a desiccant and five boxes are vacuum sealed in a aluminum foil bag to prevent sticking.
- Simple Packing: 100pcs per box. 5 or 10 split boxes contains a desiccant and are vacuum sealed in a PE bag to prevent sticking.



SQUARE STANDARD COVER GLASS

ITEM #	DIMENSIONS	UNIT PACK		
		INDIVIDUAL PACKING	STANDARD PACKING	SIMPLE PACKING
BN01818A	18x18mm	200pcs/1 oz	200pcs/1 oz	100pcs
BN02020A	20x20mm	200pcs/1 oz	200pcs/1 oz	100pcs
BN02222A	22x22mm	200pcs/1 oz	200pcs/1 oz	100pcs
BN02424A	24x24mm	200pcs/1 oz	200pcs/1 oz	100pcs
BN02432A	24x32mm	100pcs/1 oz	100pcs/1 oz	100pcs
BN02440A	24x40mm	100pcs/1 oz	100pcs/1 oz	100pcs
BN02450A	24x50mm	100pcs/1 oz	100pcs/1 oz	100pcs
BN02460A	24x60mm	100pcs/1 oz	100pcs/1 oz	100pcs



CIRCULAR STANDARD COVER GLASS

ITEM #	DIMENSIONS	UNIT PACK INDIVIDUAL PACKING	UNIT PACK STANDARD PACKING
BN00808D	Φ8mm	200pcs/1 oz	200pcs/1 oz
BN00909D	Φ9mm	200pcs/1 oz	200pcs/1 oz
BN01010D	Φ10mm	200pcs/1 oz	200pcs/1 oz
BN01111D	Φ11mm	200pcs/1 oz	200pcs/1 oz
BN01212D	Φ12mm	200pcs/1 oz	200pcs/1 oz
BN01414D	Φ14mm	200pcs/1 oz	200pcs/1 oz
BN01616D	Φ16mm	200pcs/1 oz	200pcs/1 oz
BN01818D	Φ18mm	200pcs/1 oz	200pcs/1 oz
BN02020D	Φ20mm	200pcs/1 oz	200pcs/1 oz
BN02222D	Φ22mm	200pcs/1 oz	200pcs/1 oz

BORO 3.3 COVER GLASS

Produced by clear white, boro 3.3 glass, are super clarity, perfect flat and corrosion resistant.

SUPER WHITE COVER GLASS

Produced by super white glass, it offers a low iron content which results in superior transparency, very low self-fluorescence and no color distortion. The special composition of the glass provides minimal oxidation, which ensures sample integrity during long-term storage. Increased hardness and molecular stability of the slide surface guarantees more accurate experimental results.



SLIDES ACCESSORIES

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0111	Plastic Slide Mailer	for 1 piece of slide	PP	1000
BN0112		for 2 pieces of slides	PP	1000
BN0113		for 3 pieces of slides	PP	1000
BN0114		screw cap, for 3 pieces of slides	PP	1000
BN0115		for 5 pieces of slides	PP	1000



ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0121	Cardboard Slide Mailer	for 1 piece of slide	Cardboard	1000
BN0122		for 2 pieces of slides	Cardboard	500
BN0123		for 3 pieces of slides	Cardboard	500
BN0124		for 10 pieces of slides	Cardboard	100
BN0125		for 20 pieces of slides	Cardboard	50

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0131	Slide Tray	for 20 pieces of slides	PP/ABS	150

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0141	Slide Storage Box	for 10 pieces of slides	PP/ABS	1000
BN0142		for 12 pieces of slides	PP/ABS	1000
BN0143		for 15 pieces of slides	PP/ABS	500
BN0144		for 25 pieces of slides	PP/ABS	200
BN0145		for 50 pieces of slides	PP/ABS	160
BN0146		for 100 pieces of slides	PP/ABS	80

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0151	Staining Jar	for 5 pieces of slides	PP	500
BN0152	Staining Rack	for 24 pieces of slides	PP	100



LABORATORY PLASTIC

SPECIMEN CONTAINER

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0211	Urine Container	30ml,PS screw cup	PP/PS	1000
BN0212		40ml,presed cap	PP	1000
BN0213		40ml,screw cap	PP	1000
BN0214		60ml,screw cup,tall form	PP	1000
BN0215		60ml,screw cup,low form	PP	1000
BN0216		100/120ml,screw cup	PP	500

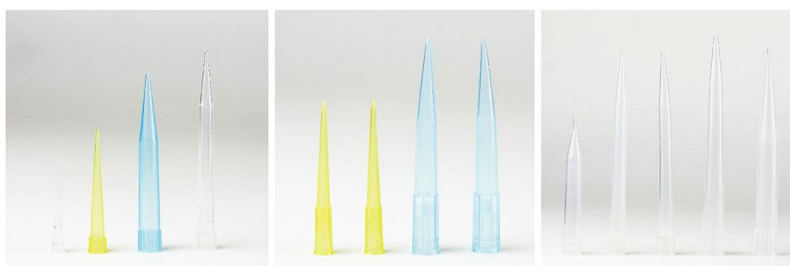
ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0221	Stool Container	30ml,PS screw cup	PP/PS	1000
BN0222		40ml,presed cap	PP	1000
BN0223		40ml,screw cap	PP	1000
BN0224		60ml,screw cup,tall form	PP	1000
BN0225		60ml,screw cup,low form	PP	1000
BN0226		100/120ml,screw cup	PP	500

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0231	Sputum Container	20ml,screw cap	PP	1000
BN0232		30ml,screw cap	PP	1000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0241	Medical Cup	30ml	PP	5000



PIPETTE TIPS, CENTRIFUGE TUBE



ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0311	Eppendorf Pipette Tip	10ul	PP	100,000
BN0312		200ul	PP	50,000
BN0313		300ul	PP	50,000
BN0314		1000ul	PP	15,000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0321	Gillson Pipette Tip	10ul	PP	100,000
BN0322		200ul	PP	50,000
BN0323		300ul	PP	50,000
BN0324		1000ul	PP	15,000

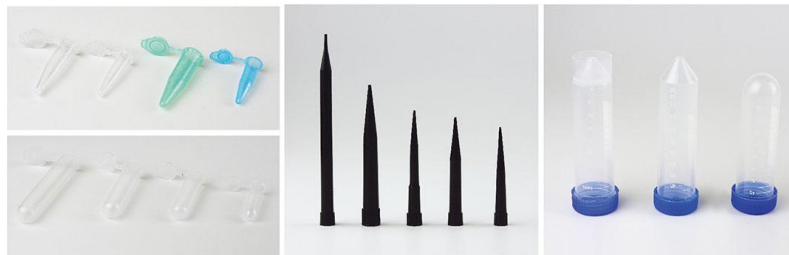
ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0331	Graduated Pipette Tip	200ul Gillson	PP	50,000
BN0332		1000ul Gillson	PP	15,000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0341	Filter Tip	10ul Gillson	PP	100,000
BN0342		200ul Gillson	PP	50,000
BN0343		1000ul Gillson	PP	15,000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0351	Conductive Tip	for Roche Immunoassay Analyzer	PP	22000
BN0352		for Beckman Automate Immunoassay Analyzer	PP	140x32racks
BN0353		for Tecan Immunoassay Analyzer 300ul	PP	96x24racks
BN0354		for BIO-RAD Fully Auto Enzyme Immunoassay Analyzer 1000ul	PP	96x24racks
BN0355		for BIO-RAD Fully Auto Enzyme Immunoassay Analyzer 300ul	PP	96x24racks

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0361	Centrifuge Tube with pressed cover	0.2ml	PP	70,000
BN0362		0.5ml	PP	25,000
BN0363		1.5ml	PP	12,000
BN0364		2.0ml	PP	10,000
BN0365		5ml	PP	6,000
BN0366		10ml	PP	3,200

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0371	Screw Cap Conical Bottom Centrifuge Tube	10ml,conical bottom	PP	4,000
BN0372		10ml,round bottom	PP	4,000
BN0373		15ml,conical bottom	PP	3,000
BN0374		15ml,round bottom	PP	3,000
BN0375		50ml,conical bottom	PP	1,000
BN0376		50ml,round bottom	PP	1,000
BN0377		50ml,self-standing bottom	PP	1,000



PETRI DISH, CULTURE PLATE

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0411	Petri Dish	35ml	PS	2,000
BN0412		60ml	PS	1,000
BN0413		70ml	PS	1,000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0421	Petri Dish	90x15mm,one room	PS	500
BN0422		90x15mm,two rooms	PS	500
BN0423		90x15mm,three rooms	PS	500
BN0424		100ml	PS	500
BN0425		150ml	PS	200

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0431	Culture Plate	6wells	PS	100
BN0432		12wells	PS	100
BN0433		24wells	PS	100
BN0434		96wells	PS	100



TEST TUBE, TUBE STOPPER, FREEZING TUBES, PASTEUR PIPETTE

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0511	Test Tube	12x75mm	PP/PS	5,000
BN0512		13x75mm	PP/PS	5,000
BN0513		13x100mm	PP/PS	4,000
BN0514		15x100mm	PP/PS	3,000
BN0515		16x100mm	PP/PS	2,500

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0521	Tube Stopper	12ml	PE	20,000
BN0522		13ml	PE	20,000
BN0523		16ml	PE	20,000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0531	Freezing Tube	0.5ml,conical bottom	PP	5,000
BN0532		0.5mm,self-standing bottom	PP	5,000
BN0533		1ml,self-standing bottom	PP	5,000
BN0534		1.5ml,conical bottom	PP	5,000
BN0535		1.5mm,self-standing bottom	PP	5,000
BN0536		1.8mm,self-standing bottom	PP	5,000
BN0537		5ml,self-standing bottom	PP	3,000

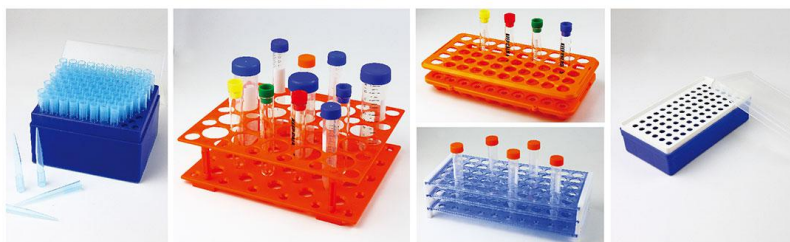
ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0541	Transfer Pipette	0.2ml	PE	40,000
BN0542		0.5ml	PE	40,000
BN0543		1ml	PE	10,000
BN0544		2ml	PE	10,000
BN0545		3ml	PE	10,000



BOX AND RACKS

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0611	Pipette Tip Box	10ul,96wells	PP	140
BN0612		200ul,96wells	PP	140
BN0613		1000ul,60wells	PP	100
BN0614		1000ul,100wells	PP	100

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0621	Centrifuge Tube Box	1.5ml,50wells	PP	160
BN0622		1.5ml,72wells	PP	160
BN0623		1.5ml,100wells	PP	80
BN0624		0.2ml,96wells	PP	360



ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0631	Multi-purpose Tube Racks	28wells	PS	100
BN0632		50wells	PS	100

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0641	Detachable Tube Racks	Φ 13,50wells	PS	50
BN0642		Φ 13,50wells	PS	50
BN0643		Φ 13,50wells	PS	50

OTHERS



ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0711	Embedding Cassette	Square holes	POM/PP	2500
BN0712		Stripe holes	POM/PP	2500
BN0713		Fine square holes	POM/PP	2500
BN0714		Removable lids	POM/PP	5000
BN0715		Round holes, without lid	POM/PP	5000
BN0716		"O" rings	PS	5000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0721	Inoculation Loop	10ul	ABS	10000
BN0722		1ul	ABS	10000
BN0723		needle type	ABS	10000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0731	Hitachi Cup	16x38mm	PS	5000
BN0732	Beckman Cup	13x24mm	PS	10000
BN0733	700 Cup	14x25mm	PS	10000

ITEM #	DIMENSIONS	SPECIFICATION	MATERIAL	UNIT/CARTON
BN0741	Transport Swab	for Female 12x150mm	Wooden Stick + Cotton Head	2000
BN0742		for Male 12x75mm		3000
BN0743		with Stuart Medium 12x150mm		2000
BN0744		with Amies Medium 12x150mm		2000
BN0745		with Cary Medium 12x150mm		2000

LABORATORY GLASSWARE

BEAKER, BORO 3.3 GLASS

Use for stirring, mixing and heating liquids in laboratories, but not for accurate measurements

- Boro 3.3 glass, with spout for clean pouring
- White enamel graduations and labeling filed, high durable, easy to read and mark
- Uniform wall thickness distribution suited to heat

1101 Beaker Low Form

CAPACITY(ml)	O.D.(mm)	HEIGHT(mm)
10	26	35
25	35	50
50	42	60
100	51	70
150	60	80
200	65	88
250	70	95
300	75	102
400	80	110
500	87	118
600	90	125
800	100	135
1000	106	145
2000	132	185
3000	150	210
5000	178	280

1102 Beaker Tall Form

CAPACITY(ml)	O.D.(mm)	HEIGHT(mm)
50	40	67
100	45	88
150	53	100
250	60	122
400	70	138
500	75	150
600	80	165
800	90	178
1000	100	195
2000	120	240



ERLENMEYER FLASK, BORO 3.3 GLASS

Versatile, used for holding and measuring liquid samples where a high degree is not necessary, also suited to mix, heat and boil solutions

1121 Erlenmeyer Flask

CAPACITY(ml)	O.D. OF NECK (mm)	O.D. OF BULB (mm)	HEIGHT(mm)
50	22	51	85
100	22	64	105
150	28	71	120
200	34	77	132
250	34	85	140
300	34	89	153
500	34	105	175
1000	42	131	220
2000	50	166	280



MEASURING CYLINDER, BORO 3.3 GLASS

- Boro 3.3 glass for durability, chemical-, and temperature- resistance
- With well legible numbers and graduations
- Uniform wall thickness over the entire measurement range, so wedge errors are avoided
- Calibration is based on the poured in volume ("In") at a +20 °C reference temperature
- The large hexagonal base are available, prevents the cylinder from rolling

1601 MEASURING CYLINDER with spout and glass round bases

1601H MEASURING CYLINDER with spout and glass hexagonal base

1601P MEASURING CYLINDER with spout and plastic base & safe ring

CAPACITY(ml)	GRADUATION (mm)	CAPACITY TOLERANCE (± ml)	HEIGHT (ml)
5	0.1	0.1	110
10	0.2	0.2	135
25	0.5	0.5	160
50	1	0.5	195
100	1	1	250
250	2 or 5	2	300
500	5	5	350
1000	10	10	430
2000	20	20	500



VOLUMETRIC FLASK, BORO 3.3 GLASS

Used to precisely measure specific volumes of material, prepare and storage standard solutions, amber glass is deal for photosensitive samples.

- With one permanent circular mark
- Printed with fused-on enamel color, resistant to most acid and alkaline solutions
- Calibration is based on the poured in volume ("In") at a +20 °C reference temperature

1621A VOLUMETRIC FLASK clear, class A, with ground-in glass stopper or plastic stopper

1622A VOLUMETRIC FLASK amber, class A, with ground-in glass stopper or plastic stopper

CAPACITY(ml)	CAPACITY TOLERANCE (± ml)	GROUND MOUTH	HEIGHT(mm)
5	0.02	7/11	74
10	0.02	7/11	90
25	0.03	10/13	110
50	0.05	10/13	140
100	0.1	12/14	170
200	0.15	14/15	210
250	0.15	14/15	220
500	0.25	16/16	260
1000	0.4	19/17	310
2000	0.6	24/20	370

**PETRI CULTURE DISH**

Boro 3.3 glass or soda glass, used for the cultivation of microorganisms or cells
Can be used for plant materials, microbial culture and adherent culture of animal cells.

1177 PETRI CULTURE DISH

BOTTOM DIA(mm)	COVER DIA(mm)	HEIGHT(mm)
60	65	15
75	82	15
90	98	18
100	107	20
120	130	25
150	160	30
200	210	30



DISPOSABLE GLASS TEST TUBE

Made of soda glass, suitable for general mixing, simple laboratory work, as well for use with sample which are susceptible to pH change, will withstand moderate warming.

RESUABLE GLASS TEST TUBE

Made of boro 3.3 glass, suitable for all usual laboratory applications, will withstand temperature change up to and including boiling of samples, as well highly chemically resistant

CULTURE TUBE WITH I SCREW CAP

Boro 3.3 glass, black bakelite screw cap with silicon gasket inside or color aluminum screw cap with silicon gasket inside

1231 TEST TUBE without rim, Boro 3.3 glass or soda glass

O.D. OF TUBE (mm)	LENGTH (mm)	VOLUME (ml)
10	75	3
10	100	4
12	75	5
12	100	7
13	100	7
13	130	10
15	100	10
15	150	14
16	125	15
16	150	18
18	150	25
18	180	30
20	150	30
20	180	35
20	200	40
25	125	40
25	150	50
25	200	65
30	150	65
30	200	85
35	200	140
41	225	200



1232S CULTURE TUBE with screw cap, Boro 3.3 glass or soda glass

O.D. OF TUBE (mm)	LENGTH (mm)	VOLUME (ml)
12×75	75	5
12×100	100	7
13×100	100	7
15×100	100	10
15×150	150	14
16×100	100	13
16×125	125	15
16×150	150	18
16×160	160	20
18×150	150	25
18×180	180	30
20×125	125	25
20×150	150	30
20×200	200	40
25×150	150	50
25×200	200	65



REAGENT BOTTLE

Suitable for storing liquids and dry material, amber glass is ideal for photosensitive samples

- With standard ground joint and ground-in stopper
- Max. Usage temperature of +100 °C
- Thermal shock resistance 30K
- Hydrolytic class 3



1401 REAGENT BOTTLE clear, narrow mouth, with ground-in glass stopper

1402 REAGENT BOTTLE amber, narrow mouth, with ground-in glass stopper

CAPACITY (ml)	DIA. OF BOTTLE (mm)	DIA. OF MOUTH (mm)	HEIGHT (mm)
30	40	18	76
60	46	22	85
125	57	24	110
250	70	27	135
500	85	33	172
1000	106	38	202
2500	145	48	270
5000	185	58	338
10000	225	68	430
20000	265	82	520

1403 REAGENT BOTTLE clear, wide mouth, with ground-in glass stopper

1404 REAGENT BOTTLE amber, wide mouth, with ground-in glass stopper

CAPACITY (ml)	DIA. OF BOTTLE (mm)	DIA. OF MOUTH (mm)	HEIGHT (mm)
30	40	25	72
60	46	30	80
125	57	38	108
250	70	50	130
500	85	58	165
1000	106	65	188
2500	145	90	260
5000	185	110	330
10000	218	115	416
20000	280	123	535

SEPARATING FUNNEL PEAR SHAPE

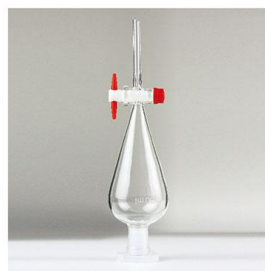
Used for performing liquid-liquid extractions

Boro 3.3 glass, with ground-in glass/plastic stopper and glass/PTFE stopcock

1543 SEPARATORY FUNNEL, pear shape, with ground-in glass stopper and stopcock

8543 SEPARATORY FUNNEL, pear shape, with standard glass stopper and PTFE stopcock

CAPACITY (ml)	DIA. OF STEM × LENGTH (mm)	LENGTH (mm)
60	10 × 70	220
125	10 × 70	260
250	11 × 70	290
500	12 × 70	330
1000	12 × 70	400



BURNING GLASSWARE

- 1101 BEAKER low form with spout and graduation
5ml, 10ml, 25ml, 50ml, 100ml, 150ml, 200ml, 250ml, 300ml, 400ml, 500ml, 600ml, 800ml, 1000ml, 2000ml, 3000ml, 5000ml
- 1102 BEAKER tall form with spout and graduation
50ml, 100ml, 150ml, 200ml, 250ml, 300ml, 400ml, 500ml, 600ml, 800ml, 1000ml, 2000ml, 3000ml
- 1111 BOILING FLASK flat bottom, long narrow neck
50ml, 100ml, 150ml, 200ml, 250ml, 300ml, 500ml, 1000ml, 2000ml, 3000ml, 5000ml, 10000ml
- 1115 BOILING FLASK round bottom, long neck
50ml, 100ml, 150ml, 200ml, 250ml, 300ml, 500ml, 1000ml, 2000ml, 3000ml, 5000ml, 10000ml, 20000ml
- 1121 CONICAL FLASK Erlenmeyer with graduation
50ml, 100ml, 150ml, 200ml, 250ml, 300ml, 500ml, 1000ml, 2000ml, 3000ml, 5000ml



DISH & TUBE

- 1171 EVAPORATING DISH flat bottom, with spout 60mm, 90mm, 120mm, 150mm
- 1173 EVAPORATING DISH with spout 60mm, 90mm, 100mm, 125mm, 150mm, 180mm
- 1175 WATCH GLASS 45mm, 60mm, 70mm, 80mm, 90mm, 100mm, 120mm, 150mm, 180mm
- 1177 PETRI CULTURE DISH 60mm, 75mm, 90mm, 100mm, 120mm, 150mm, 200mm



- 1211 CONDENSER air cooling
200mm,250mm,300mm,400mm,500mm,600mm
- 1213 CONDENSER Liebig with fused inner tube
200mm,250mm,300mm,400mm,500mm,600mm,800mm,1000mm
- 1214 CONDENSER Allihn with bulbed inner tube
200mm,250mm,300mm,400mm,500mm,600mm,800mm,1000mm,1200mm,1500mm
- 1215 CONDENSER Graham with coiled inner tube
200mm,250mm,300mm,400mm,500mm,600mm,800mm,1000mm
- 1216 CONDENSER reflux,Dimroth with coiled inner tube
300mm,400mm,500mm,600mm



- 1231 TEST TUBE without rim,Boro 3.3 glass or soda glass
10x75mm,10x100mm,12x75mm,12x100mm,13x100mm,15x100mm,15x150mm,16x100mm,16x125mm,16x150mm,16x160mm,18x150mm,18x180mm,20x125mm,20x150mm,20x200mm,25x150mm,25x200mm,30x150mm,30x200mm,35x200mm,41x225mm
- 1232 TEST TUBE with rim,Boro 3.3 glass or soda glass
10x75mm,10x100mm,12x75mm,12x100mm,13x100mm,15x100mm,15x150mm,16x100mm,16x125mm,16x150mm,16x160mm,18x150mm,18x180mm,20x125mm,20x150mm,20x200mm,25x150mm,25x200mm,30x150mm,30x200mm,35x200mm,41x225mm
- 1232S CULTURE TUBE with screw cap,Boro 3.3 glass or soda glass
12x75mm,12x100mm,13x100mm,15x100mm,15x150mm,16x100mm,16x125mm,16x150mm,16x160mm,18x150mm,18x180mm,20x125mm,20x150mm,20x200mm,25x150mm,25x200mm



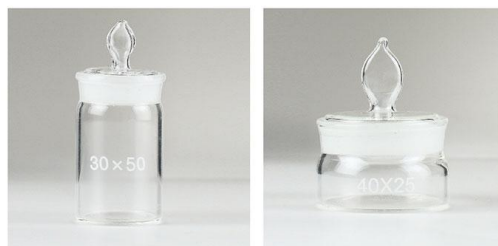


- | | | |
|-------|---|-------------------------------------|
| 1241 | CENTRIFUGE TUBE conical | 5ml,10ml,12.5ml,15ml,25ml,50ml |
| 1242 | CENTRIFUGE TUBE conical,with graduation | 5ml,10ml,12.5ml,15ml,25ml,50ml |
| 1242S | CENTRIFUGE TUBE short cone shape | 100ml/200% |
| 1242L | CENTRIFUGE TUBE long cone shape | 100ml/200% |
| 1242P | CENTRIFUGE TUBE pear shape | 100ml/200% |
| 1271 | STOPCOCK straight bore,two-way | 2ml,4ml,6ml,8ml,10ml,12ml,15ml,20ml |



BOTTLE & CONTAINER

- | | | |
|------|---------------------------|---|
| 1301 | WEIGHING BOTTLE tall form | 25x25mm,25x40mm,30x50mm,30x60mm,35x70mm,40x70mm,45x30mm,45x70mm |
| 1302 | WEIGHING BOTTLE low form | 30x20mm,30x25mm,40x25mm,50x30mm,60x30mm,60x35mm,60x40mm,70x30mm,70x35mm,70x40mm |

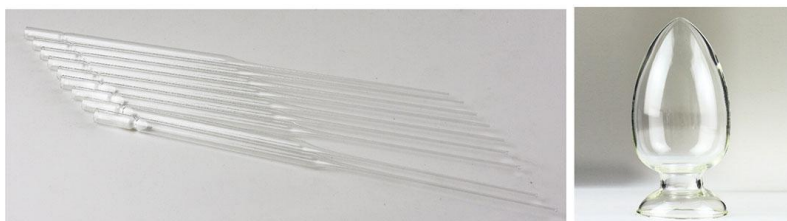


- 1351 DESICCATOR clear,with porcelain plate
100mm,150mm,180mm,210mm,240mm,300mm,350mm,400mm
- 1352 DESICCATOR amber,with porcelain plate
100mm,150mm,180mm,210mm,240mm,300mm,350mm,400mm
- 1354 DESICCATOR clear,with ground-in stopcock and porcelain plate
150mm,180mm,210mm,240mm,300mm,350mm,400mm
- 1355 DESICCATOR amber,with ground-in stopcock and porcelain plate
150mm,180mm,210mm,240mm,300mm,350mm,400mm
- 1381 ALCOHOL LAMP with plastic cap
150ml,250ml
- 1383 MORTAR with glass pestle
60mm,75mm,90mm,120mm,150mm,180mm
- 1401 REAGENT BOTTLE clear,narrow mouth,with ground-in glass stopper
30ml,60ml,125ml,250ml,500ml,1000ml,2500ml,5000ml,10000ml,20000ml
- 1402 REAGENT BOTTLE amber,narrow mouth,with ground-in glass stopper
30ml,60ml,125ml,250ml,500ml,1000ml,2500ml,5000ml,10000ml,20000ml
- 1403 REAGENT BOTTLE clear,wide mouth,with ground-in glass stopper
30ml,60ml,125ml,250ml,500ml,1000ml,2500ml,5000ml,10000ml,20000ml
- 1404 REAGENT BOTTLE amber,wide mouth,with ground-in glass stopper
30ml,60ml,125ml,250ml,500ml,1000ml,2500ml,5000ml,10000ml,20000ml
- 1403S REAGENT BOTTLE clear,with screw cap,Boro 3.3 glass or soda glass
30ml,60ml,125ml,250ml,500ml,1000ml,2500ml,5000ml,10000ml,20000ml
- 1404S REAGENT BOTTLE amber,with screw cap,Boro 3.3 glass or soda glass
30ml,60ml,125ml,250ml,500ml,1000ml,2500ml,5000ml,10000ml,20000ml
- 1432 FILTERING FLASK with side tubelature
125ml,250ml,500ml,1000ml,2500ml,5000ml,10000ml
- 1451 DROPPING BOTTLE clear,with ground-in pipette and latex rubber nipple
30ml,60ml,125ml
- 1452 DROPPING BOTTLE amber,with ground-in pipette and latex rubber nipple
30ml,60ml,125ml





- 1456 DROPPING PIPETTE straight tip, with latex rubber nipple 90mm, 160mm
 1456P GLASS PIPETTE with or without graduation 48mm, 61mm, 77mm, 89mm, 103mm
 1456B GLASS BASTEUR PIPETTE with or without cotton 150mm, 230mm
 1476 SPECIMEN BOTTLE conical form 125ml, 250ml, 500ml

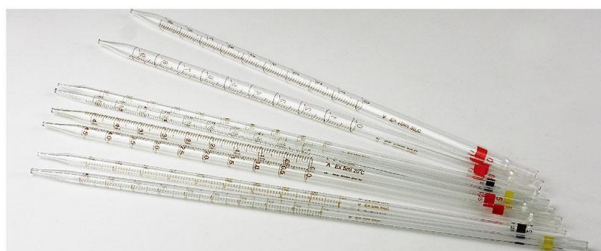


VOLUMETRIC GLASSWARE

- 1503 FUNNEL 60° approx., long stem 50mm, 60mm, 75mm, 90mm, 100mm
 1504 FUNNEL 60° approx., short stem 40mm, 50mm, 60mm, 75mm, 90mm, 100mm, 120mm, 150mm, 180mm, 210mm, 240mm, 300mm
 1511 FILTER FUNNEL 20mm, 25mm, 32mm, 38mm, 40mm
 1543 SEPARATORY FUNNEL, Squib pear shape, with ground-in stopper and glass stopcock 10ml, 20ml, 60ml, 125ml, 250ml, 500ml, 1000ml
 8543 SEPARATORY FUNNEL, pear shape, with standard glass stopper and PTFE stopcock 60ml, 125ml, 250ml, 500ml, 1000ml



- 1601 MEASURING CYLINDER with spout and glass round base
5ml, 10ml, 25ml, 50ml, 100ml, 250ml, 500ml, 1000ml, 2000ml
- 1601H MEASURING CYLINDER with spout and glass hexagonal base
5ml, 10ml, 25ml, 50ml, 100ml, 250ml, 500ml, 1000ml, 2000ml
- 1601P MEASURING CYLINDER with spout and plastic base & safe ring
5ml, 10ml, 25ml, 50ml, 100ml, 250ml, 500ml, 1000ml, 2000ml
- 1611 GRADUATE CYLINDER conical, with sport, short line
5ml, 10ml, 20ml, 50ml, 100ml, 250ml, 500ml, 1000ml
- 1621A VOLUMETRIC FLASK clear, class A, with ground-in glass stopper or plastic stopper
5ml, 10ml, 25ml, 50ml, 100ml, 200ml, 250ml, 500ml, 1000ml, 2000ml
- 1622A VOLUMETRIC FLASK amber, class A, with ground-in glass stopper or plastic stopper
5ml, 10ml, 25ml, 50ml, 100ml, 200ml, 250ml, 500ml, 1000ml, 2000ml
- 1630 MEASURING PIPETTE with coding band
0.1ml, 0.2ml, 0.25ml, 0.5ml, 1ml, 2ml, 5ml, 10ml, 25ml, 50ml
- 1630A MEASURING PIPETTE class A, graduated with zero at top
0.1ml, 0.2ml, 0.25ml, 0.5ml, 1ml, 2ml, 5ml, 10ml, 25ml, 50ml
- 1630B MEASURING PIPETTE class B, graduated with zero at top 0.1ml, 0.2ml,
0.1ml, 0.2ml, 0.25ml, 0.5ml, 1ml, 2ml, 5ml, 10ml, 25ml, 50ml
- 1633A VOLUMETRIC PIPETTE with one mark, class A
1ml, 2ml, 3ml, 5ml, 10ml, 15ml, 20ml, 25ml, 50ml, 100ml
- 1633B VOLUMETRIC PIPETTE with one mark, class B
0.5ml, 1ml, 2ml, 3ml, 4ml, 5ml, 10ml, 15ml, 20ml, 25ml, 50ml, 100ml
- 1641A BURETTE with rubber tubing connection, glass head and glass tip, class A
10ml, 25ml, 50ml, 100ml
- 1641B BURETTE with rubber tubing connection, glass head and glass tip, class B
10ml, 25ml, 50ml, 100ml
- 1642A BURETTE with straight glass stopcock, class A
10ml, 25ml, 50ml, 100ml
- 1642B BURETTE with straight glass stopcock, class B
10ml, 25ml, 50ml, 100ml
- 1642 BURETTE with PTFE stopcock, class A
10ml, 25ml, 50ml, 100ml
- 1645A BURETTE with blue line on milk white back, straight stopcock, Schellbach, class A
10ml, 25ml, 50ml, 100ml
- 1645B BURETTE with blue line on milk white back, straight stopcock, Schellbach, class B
10ml, 25ml, 50ml, 100ml



STANDARD GROUND MOUTH SERIES

5001 BOILING FLASK round bottom,short neck standard ground mouth

5/10,10/10,25/10,5/14,10/14,25/14,50/14,100/14,10/19,25/19,50/19,100/19,150/19,250/19,500/19,1000/19,50/24,100/24,150/24,250/24,500/24,1000/24,2000/24,50/29,100/29,250/29,500/29,1000/29,2000/29,3000/29,3000/34,3000/40,5000/40,5000/50,10000/50

5002 BOILING FLASK round bottom,long neck standard ground mouth

5003 FLASK oblique shape,with 2 necks,standard ground mouth

5004 FLASK oblique shape,with 3 necks,standard ground mouth

5005 FLASK straight shape,with 3 necks,standard ground mouth

5006 FLASK oblique shape,with 4 necks,standard ground mouth

5009 CONICAL FLASK standard ground mouth

10/10,25/10,10/14,25/14,50/14,100/14,10/19,25/19,50/19,100/19,150/19,250/19,500/19,50/24,100/24,150/24,250/24,500/24,1000/24,2000/24,3000/24,50/29,250/29,500/29,1000/29,2000/29

5010F FILTRATION APPARATUS

500ml,1000ml,2000ml

5013 FLASK pear shape,standard ground mouth

10/10,10/14,25/10,25/14,25/19,50/14,50/19,100/14,100/19

5021 CONDENSER straight shape standard ground mouth

80/10,80/14,150/14,200/14,200/19,300/19,400/19,500/19,600/19,200/24,300/24,400/24,500/24,600/24,200/29,300/29,400/29,500/29,600/29

5022 CONDENSER with bulbed inner tube standard ground mouth

150/14,200/14,300/14,200/19,300/19,400/19,500/19,600/19,200/24,300/24,400/24,500/24,600/24,200/29,300/29,400/29,500/29,600/29

5023 CONDENSER with coiled inner tube standard ground mouth

150/14,200/14,200/19,300/19,400/19,500/19,600/19,200/24,300/24,400/24,500/24,600/24,300/29,400/29,500/29,600/29





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