General Laboratory Glassware

INNOVA

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About Us

Innova Bio-Meditech is one of the professional solution provider of laboratory and medical devic es. Firmly committed to our mission of “sharing innovative bio-meditech solutions with the world”, we are dedicated to innovation in the fields of Biology Project, Life Science, Pharmacy Industry and Medical Treatment.

Innova Bio-Meditech possesses a sound distribution and service network with business partners in North and Latin America, Europe, Africa and Asia-Pacific etc. We have built up a well established R&D, manufacture network with 3 centers in Qingdao, Shanghai and Suzhou. Inspired by the needs of our customers, we adopt advanced technologies and transform them into accessible innovation. This means constant effort and research, in order to more fully understand the developments of the market, INNOVA produce constantly upgraded product ranges by adding new products year after year.

The passion for science

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Bottle

Reagent bottle - （High borosilicate/brown）

Features

- The convex point at the bottom of the bottle is anti-slip, effectively stabilizing the bottle to prevent tipping
- Select high quality corrosion and acid and alkali resistant ink printing
- Universal GL45 standard threadHand-fired, withstand high temperature autoclave sterilization
- Material:3.3 Material high borosilicate glass
- Cap:PP

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.1.1	25ml	32	46	91
1.1.2	50ml	45	56	105
1.1.3	100ml	45	70	143
1.1.4	250ml	45	85	182
1.1.5	500ml	45	100	185
1.1.6	750ml	45	100	231
1.1.7	1000ml	45	132	273
1.1.8	2000ml	45	160	349
1.1.9	4000ml	45	180	360
1.1.10	5000ml	45	210	369
1.1.11	10000ml	45	210	461
1.1.12	20000ml	45	288	510

Reagent bottle - （High borosilicate/transparent）

Features

- Material:3.3 High borosilicate glass bottle
- Cap:PP
- Strong chemical stability
- Anti-explosion
- Acid,Alkali and Corrosion resisitant Ink-printed scale and writing board
- Low thermal expansion coefficient(20℃-300℃)
- Can be sterilized by autoclaving with steam at 140℃
- Thermal shock resistance high rapid change temperature 280°C
- Smooth bottle lip anti-slip design at the bottom

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.2.1	25ml	32	46	91
1.2.2	50ml	45	56	105
1.2.3	100ml	45	70	143
1.2.4	250ml	45	85	182
1.2.5	500ml	45	100	185
1.2.6	750ml	45	100	231
1.2.7	1000ml	45	132	273
1.2.8	2000ml	45	160	349
1.2.9	4000ml	45	180	360
1.2.10	5000ml	45	210	369
1.2.11	10000ml	45	210	461
1.2.12	20000ml	45	288	510
1.2.13	3L	45	160	282

Reagent bottle - （High borosilicate）

Features

- Material:3.3 High borosilicate glass bottle
- Cap:PP
- Strong chemical stability
- Anti-explosion
- Acid,Alkali and Corrosion resisitant Ink-printed scale and writing board
- Low thermal expansion coefficient(20℃-300℃)
- Can be sterilized by autoclaving with steam at 140℃
- Thermal shock resistance high rapid change temperature 280°C
- Smooth bottle lip anti-slip design at the bottom

Technical Parameter

Order Code	Specification/Volume	Color	GL	D(mm)	H(mm)
1.3.1	100ml	Brown	45	56	105
1.3.2	250ml	Brown	45	70	143
1.3.3	500ml	Brown	45	85	182
1.3.4	1000ml	Brown	45	100	231
1.3.5	2000ml	Brown	45	132	273
1.4.1	100ml	Transparent	45	56	105
1.4.2	250ml	Transparent	45	70	143
1.4.3	500ml	Transparent	45	85	182
1.4.4	1000ml	Transparent	45	100	231
1.4.5	2000ml	Transparent	45	132	273

JAR（GL80 reagent bottle--High borosilicate/brown）

Features

- Material：3.3 Material high borosilicate glass
- Select high quality corrosion and acid and alkaliresistant ink printing
- Universal GL80 standard threadHand-fired, withstand high temperature autoclavesterilization

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.5.1	500ml	80	100	148
1.5.2	1000ml	80	100	223
1.5.3	2000ml	80	132	248
1.5.4	5000ml	80	180	345
1.5.5	7500ml	80	210	345
1.5.6	10000ml	80	210	443
1.5.7	20000ml	80	288	483
1.5.8	25l	Custom-Made		
1.5.9	40l			

JAR（GL80 reagent bottle--High borosilicate/transparent）

Features

- Material:standard borosilicate 3.3 glass
- Explosion-proof reagent bottle
- Low coefficient of thermal expansion (20℃-300℃)
- Resistant to chemical erosion, with very high acid,alkali, salt solution, organic matter and halogen resistance characteristics
- High temperature resistance(can be sterilized by high pressure heating of 140℃ steam)
- High heat shock resistance (suddentemperature defference 280℃)
- Pressure resistance (-1-15bar)
- Uniform wall thickness, the thinnest part of not less than 2.2mm
- The bottle cap is produced by imported PP to ensure hightemperature sterilization

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.6.1	250ml	80	100	102
1.6.2	500ml	80	100	148
1.6.3	1000ml	80	100	223
1.6.4	2000ml	80	132	248
1.6.5	5000ml	80	180	345
1.6.6	10000ml	80	210	443
1.6.7	20000ml	80	288	483
1.6.8	25l	Custom-Made		
1.6.9	40l			

Reagent bottle with handle

Features

- Explosion-proof reagent bottle made of standard borosilicate 3.3 glass, transparent and colorless
- Low coefficient of thermal expansion (20-300℃), resistant to chemical erosion
- High temperature resistance (can be sterilized by high pressure heating of 140℃ steam)
- With very high acid, alkalj, salt solution, organic matter and halogerresistance characteristics
- Highthermal shock resistance (sudden chanae temperature 280℃), pressure resistance (-1-15bar)
- Uniform wall thickness, the thinnest part is not less than 2.2mm

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.7.1	2000ml	45	132	273
1.7.2	3000ml	45	160	290
1.7.3	4000ml	45	160	341
1.7.4	5000ml	45	180	338

Multi-mouth reagent bottle

Features

- Cap：PBT
- GL：45
- Explosion-proof reacent bottle made of standard borosilicate 3.3 glass, transparent and colorless.
- Low coefficient of thermaexpansion (20-300℃)
- Resistant to chemical erosion, with very high acid, alkali, salt solution, organic matter and halogenresistance characteristics

- High temperature resistance can be sterilized by high presure heating of 140℃ steam)
- High heatshock resistance (sudden temperature difference 280℃)
- Pressure resistance (-1-15bar)

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.8.1	500ml And 1 GL45 Port	45	85	182
1.8.2	1000ml and 2 GL45 port	45	100	231
1.8.3	2000ml and 1 GL45 port	45	132	273
1.8.4	500ml and 3 GL45 port	45	85	182
1.8.5	1000ml And 3 GL45 Port	45	100	231
1.8.6	2000ml and 3 GL45 port	45	132	273
1.8.7	5000ml And 3 GL45 Port	45	180	360
1.8.8	1000ml and 4 GL45 port	45	100	231

Multi-mouth solvent bottle

Features

- GL:45
- Threaded PP material bottle cap, PTFE core, aperture size of3.2mm3.2mm, 4mm.
- Bottle body 3.3 material, low coefficient of thermal expansion (20C-300℃)
- Can resist chemical erosion with very high acidresistance, alkali resistance
- Highand rapid temperature change resistance to heat shock at 280° C
- The thinnest part of the wall thickness is not less than 2.2mm
- The characteristics of organic and halogen resistance to high temperature(can be heated and disinfected by high pressure of 140°C steam)

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.9.1	500ml And 1 GL45 Port	45	85	191
1.9.2	1000ml and 2 GL45 port	45	100	240
1.9.3	2000ml and 1 GL45 port	45	100	240
1.9.4	500ml and 3 GL45 port	45	85	191
1.9.5	1000ml And 3 GL45 Port	45	100	240
1.9.6	2000ml and 4 GL45 port	45	132	273
1.9.7	2000ml And 3 GL45 Port	45	132	273

Flow phase solvent bottle - (Brown/Transparent)

Features

- Explosion-proof reagent bottle made of standard borosilicate 3.3 glass, transparent colorless, transparent brown.
- Low coefficient of thermal expansion (20-300℃)
- Resistant to chemical erosion, with very high acid, alkali, salt solution, organic matter and halogen resistance characteristics.
- High temperature resistance(can be sterilized by high pressure heating of 140℃ steam)
- High heat shock resistance (sudden temperature difference 280℃)
- Resistant to pressure (-1-15bar)
- Uniform wall thickness,the thinnest part of not less than 2.2mm.
- Note: The bottle cap is produced by imported PP to ensure high temperature sterilization, and the tetrafluoris is produced by primary materials, unlike some manufacturers use recycled materials to save costs, and the recycled materials will react with the iquid inside the bottle. PTFE plugs are punched according to customer's requirements, commonly used hole diameters are: 1mm, 2mm, 2.8mm, 3mm, 4mm, 6mm, etc. Free silicone plug, the existing diameter of the plug 3mm, 4mm, free silicone gasket. The silicone gasket can be completely sealed at the contact point between the bottle lip and the PTFE plug

Technical Parameter

Order Code	Specification/Volume	Color	GL	D(mm)	H(mm)
1.10.1	100ml	Brown	45	56	114
1.10.2	250ml	Brown	45	70	152
1.10.3	500ml	Brown	45	85	191
1.10.4	1000ml	Brown	45	100	240
1.10.5	2000ml	Brown	45	132	282
1.10.6	3000ml	Brown	45	160	282
1.10.7	4000ml	Brown	45	160	358
1.10.8	5000ml	Brown	45	180	369

Technical Parameter

Order Code	Specification/Volume	Color	GL	D(mm)	H(mm)
1.11.1	100ml	Transparent	45	56	114
1.11.2	250ml	Transparent	45	70	152
1.11.3	500ml	Transparent	45	85	191
1.11.4	1000ml	Transparent	45	100	240
1.11.5	2000ml	Transparent	45	132	282
1.11.6	3000ml	Transparent	45	160	282
1.11.7	4000ml	Transparent	45	160	358
1.11.8	5000ml	Transparent	45	180	369

Butyl bottle - (Brown/Transparent)

Features

- The cap is made of imported high strength PP material, with double cap design, and the bottom cap is provided with a gasket reserve step
- The interior is equipped with high-quality double-layer PTFE gasket, which can be used for needle sampling
- After sampling, the red cap above is tightened and sealed to avoid leakage
- The main cap adopts 6-hole design,the gasket is tightly screwed to the bottle closely with the bottle to ensure sealing, and the upper cap has a unique convex step to ensure the match with lower cover to prevent leakage

Technical Parameter

Order Code	Specification/Volume	Color	GL	D(mm)	H(mm)
1.12.1	100ml	Brown	45	56	105
1.12.2	250ml	Brown	45	70	143
1.12.3	500ml	Brown	45	85	182
1.12.4	1000ml	Brown	45	100	231
1.12.5	2000ml	Brown	45	132	273
1.13.1	100ml	Transparent	45	56	105
1.13.2	250ml	Transparent	45	70	143
1.13.3	500ml	Transparent	45	85	182
1.13.4	1000ml	Transparent	45	100	231
1.13.5	2000ml	Transparent	45	132	273

Flask

Features

- Explosion-proof bottle made of standard borosilicate 3.3 glass, transparent and colorles
- The bottle cap is produced with imported PBT to ensure high temperature sterilization.
- The bottle mouth is produced by imported precisionmold
- The grinding standard is No.29 standard grinding, the bottle cap is GL32, and the design of external screw cap is adopted
- lt can be equipped with headspace cap and rubber plug, and can be directly connected to various glass instruments for using in positive and negative pressure environment

Technical Parameter

Order Code	Specification/Volume	Cap Number	GL
1.14.1	500ml	One-Neck	32
1.14.2	1000ml	One-neck	32
1.14.3	3000ml	One-neck	32
1.14.4	5000ml	One-neck	32
1.14.5	1000ml	Three-Neck	32
1.14.6	3000ml	Three-neck	32
1.14.7	5000ml	Three-Neck	32
1.14.8	1000ml	Four-neck	32
1.14.9	3000ml	Four-neck	32
1.14.10	5000ml	Four-neck	32

Wide mouth bottle

Features

- Reagent bottles produced by our company used high white glass as raw material, which can withstand acid, strong alkali, hydrochloric acid solution, organic matter and halide corrosion
- Even when highly corrosive chemicals, the properties will not change
- The wall thickness is uniform, and the thinnest point is not less than 2mm
- Suitable for batch loading of various products

Technical Parameter

Order Code	Specification/Volume	D×H(mm)
1.15.1	500ml	85×157mm

Anaerobic bottle

Features

- The raw material of the bottle is made of high quality 3.3 highborosilicate glass
- It has a low coefficient of expansion and very high chemical resistance silicone rubber plug, aluminum alloy cap

Technical Parameter

Order Code	Specification/ Volume	Color	Material	Jaw Diameter	D(mm)	H(mm)
1.16.1	50ml	Transparent	Medium Borosilicate	45	56	105
1.16.2	50ml	Brown	Medium Borosilicate	45	70	143
1.16.3	100ml	Transparent	Medium Borosilicate	45	85	182
1.16.4	100ml	Brown	Medium Borosilicate	45	100	231
1.16.5	250ml	Transparent	High Borosilicate	20mm	70	136
1.16.6	500ml	Transparent	High Borosilicate	20mm	80	180
1.16.7	1000ml	Transparent	High Borosilicate	20mm	100	220
1.16.8	2000ml	Transparent	High Borosilicate	20mm	128	270

Anaerobic Sampling Reagent Bottle

Features

- Material:High borosilicate glass material
- Cap：PBT
- Temperature resistance 180℃
- Aluminum alloy cover, butyrubber anaerobic plug to ensure tightness

Technical Parameter

Order Code	Specification/Volume	D×H(Mm)
1.17.1	50ml	46×91mm
1.17.2	100ml	56×105mm
1.17.3	250ml	70×143mm
1.17.4	500ml	85×182mm
1.17.5	1000ml	100×231mm

Buffer bottle

Features

- Pagoda joint PTFE material production, multi-stage processing suitable for multi-specification silicone pipe joint with special silicone gasket, seal well
- Ensure the stability of the experimental process and the accuracy of the results, strong sealing

Technical Parameter

Order Code	Specification/Volume	D×H(mm)
1.18.1	250ml	70×143mm
1.18.2	500ml	85×182mm
1.18.3	1000ml	100×231mm
1.18.4	2000ml	132×273mm

Refill bottle

Features

- Pagoda joint is made of PTFE material, multi-stage processing suitable for multi-specification silicone pipe joint with special silicone gasket, sealed well, to ensure the stability of the experimental process and the accuracy ofthe results.

Technical Parameter

Order Code	Specification/Volume	D×H(mm)
1.19.1	50ml	46×91mm
1.19.2	100ml	56×105mm
1.19.3	250ml	70×143mm
1.19.4	500ml	85×182mm
1.19.5	1000ml	100×231mm
1.19.6	2000ml	132×273mm

Magnetic stirrer cell bottles

Features

- 3.3 Material high borosilicate glass bottle body
- Select high quality corrosion and acid and alkali resistantink printing
- Universal GL65 standard thread on top
- Hand-fired, can be high temperature autoclaved

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.20.1	125ml	65	72	171
1.20.2	250ml	65	85	171
1.20.3	500ml	100	110	195
1.20.4	1000ml	100	132	260
1.20.5	2000ml	100	160	260
1.20.6	10*50	125 250 Stirring rotor		
1.20.7	10*80	500 1000 2000 Stirring rotor		

Magnetic stirrer cell bottles

Features

- 3.3 Material high borosilicate glass bottle body
- Select high quality corrosion and acid and alkali resistantink printing
- Universal GL65 standard thread on top
- Hand-fired, can be high temperature autoclaved

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.21.1	500ml	80	100	148
1.21.2	1000ml	80	100	218
1.21.3	2000ml	80	132	248

High Recovery Vial

Features

- Explosion-proof sample bottle made of standard borosilicate 3.3 glass. Low coefficient of thermal expansion, can resist chemical erosion, with high acid resistance, alkali resistance, salt solution resistance characteristics
- High temperature resistance (can be sterilized by high pressure heating of 140℃ steam). The bottle cap is produced by imported PP to ensure hiqh temperature sterilization
- High temperature resistance, corrosion resistance, good permeability and reliable quality
- Withstand high temperature autoclaved
- The V-shaped design at the bottom of the bottle makes it easy torecycle valuable liquids and thus reduce costs.
- The thickened bottle body ensures the safety of the bottle even if it is dropped
- Bottle caps can be fitted with top empty caps or solid caps
- Packaging suitable for all kinds of valuable liquids. Such as snakevenom, strains, reagents, samples and other packaging use
- The product is domestic, can produce V-shaped bottom orU-shaped bottom, currently accept reservations

Technical Parameter

Order Code	Specification/Volume
1.22.1	Custom-Made

Watch washing bottle

Features

- 3.3 Material high borostlicate glas, reverse push thread technology, the starting point of the thread is below the mouth, the bottle mouth is flat, sealin effect is good.
- The one-type liquid reflux angle makes the liquid flow more smooth, leaving no surplus. Improved sealing gasket, better fit to the mouth
- For anti-prolteraton treatment. Open the lid, put the parts in, close the cap, tilte and invert the bottle, after ten seconds, turn the upright and tilte, and let the liquid drain out of the funnel,then open the cap, take out the parts to dry, and close the cap for futurer use.

Technical Parameter

Order Code	GL	D(mm)	H(mm)
1.23.1	45	45	104

Headspace bottle

Features

- High quality glass raw materials
- Cap:PP, open hole 30mm, with butyl rubber plug

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.24.1	100ml	45	56	105
1.24.2	250ml	45	70	143
1.24.3	500ml	45	85	182
1.24.4	1000ml	45	100	231
1.24.5	20000ml	45	132	273

Particle sampling bottle

Features

- 3.3 Material high borosilicate glass, can be high temperature autoclave sterilized
- PP material cap, sample bottle cleanliness standard NAS1638 level 1, does not affect the accuracy of particle size sampling test, suitable for various industries particle size sampling test, collection and storage.
- It can be equipped with cleanliness detector, pollution detector, particle detector, particlecounter, oil particle analyzer

Technical Parameter

Order Code	Specification/Volume	GL	D(mm)	H(mm)
1.25.1	100ml	45	56	105
1.25.2	250ml	45	70	143
1.25.3	500ml	45	85	182

Sodium hydroxide storage bottle

Low Configuration

High Configuration

Features

- The pharmacopoeia specifies the use of polyethylene plastic bottles with soda-lime tubes
- The product is divided into high and low, the ball is high, the long tube is low, the difference between the two high with the amount of soda-lime
- The function is to facilitate access, while preventing the large-scale entry of carbon dioxide in the access, the bottle is the same, but the high with more soda lime absorption is better
- It is recommended to choose the high-matching model
- This paragraph according to the requirements of large domestic pharmaceutical companies to change and amend many times to gradually improve the use of function

Technical Parameter

Low Configuration Order Code	High Configuration Order Code	Specification/ Volume	L(mm)	W(mm)	H(mm)
1.26.1	1.26.7	1L	144	72	176
1.26.2	1.26.8	2L	156	104	202
1.26.3	1.26.9	2.5L	156	104	235
1.26.4	1.26.10	4L	174	130	251
1.26.5	1.26.11	5L	180	131	302
1.26.6	1.26.12	10L	229	172	354

Sodium-Lime Storage Pipe

1.26.13	Low-Level Configuration
1.26.14	High-Level Configuration

Wine bottle

Features

- 3.3 material high borosilicate glass material, the bottom is flat, you can choose the flat bottom or hemp point bottom
- Style 2 bottle mouth to shoulder design with 60mm long deformation

Technical Parameter

Order Code	Specification/Volume
1.28.1	Flat Bottom
1.28.2	Antiskid Bottom

Dissolving cup

Features

- High precision dissolving cup, the flat bottom cylindrical dissolving cup is made of 3.3 high borosilicate glass material
- The inner diameter of the dissolving cup is 47mm±1.4mmand the height is 180mm±1mm

Technical Parameter

Order Code	Specification/Volume
1.29.1	300ml

Tube

Hybridization tube

Features

- The bottle body is made of 3.3 material, with low coefficient of thermal expansion (20℃-300℃), and can resist chemical erosion
- It is highly resistant to acid, strong alkali, salt solution, organics and halogens
- It is resistant to high temperature (can be subjected to high-pressure heating and sterilisation of 140℃ steam), high thermal shock resistance and high acute temperature of 280℃, with a uniform wall thickness, and the thinnest part of the wall thickness is not less than 2.2mm, and the common threaded port of the GL45 standard is 45mm inside diameter, upgraded and deepened thread to avoid slippage and leakage, and the hybridization tubes are common to most of the domestic and imported ones 45mm, inner diameter 5mm, upgraded to deepen the thread to avoid slippery wire leakage, hybridisation tube universal domestic and imported most of the hybridisation membrane and the use of hybridisation furnace

Technical Parameter

Order Code	Inner Diameter (mm)	Height(mm)
3.1.1	35	75mm
3.1.2	35	100mm
3.1.3	35	150mm
3.1.4	35	200mm
3.1.5	35	240mm
3.1.6	35	300mm

Sodium hydroxide storage bottle

Features

- Made of standard borosilicate 3.3 glass, transparent and colourless
- It has a low coefficient of thermal expansion (20-300 ℃), is resistant to chemical attack and has a very high resistance to acids, strong bases, salt solutions, organics and halogens
- Resistant to high temperatures (can be sterilised by steam at 140 ℃), high thermal shock resistance (rapid change temperature 280 ℃), compression resistance (-1-15 bar), uniform wall thickness

Technical Parameter

Order Code	Specification/Volume	Inner Diameter (mm)
3.2.1	18*100mm	15
3.2.2	18*150mm	15

Anaerobic Accessories

4.6.1	Anaerobic Plug	Butyl Rubber
4.6.2	Aluminium Alloy Cap	Aluminium Alloy

Threaded Port