

General Laboratory Glassware and Items

Are essential tools used in scientific experiments, research, and various analytical processes. These tools are typically made from glass due to its transparency, chemical resistance, and ability to withstand high temperatures. Common items include beakers, flasks, test tubes, pipettes, burettes, and measuring cylinders, each serving a specific function in experiments. Beakers and flasks are used for mixing and heating liquids, while pipettes and burettes precisely measure and transfer small amounts of substances. Other items like petri dishes, funnels, and stirrers aid in growing cultures, filtration, and agitation. The proper use and maintenance of these glassware items are crucial for accurate results and safety in laboratory settings.

Excellence in Every Lab

G 0101 Volumetric Flask

Description: A Volumetric Flask is a pear-shaped lab apparatus with a round flat bottom commonly used for dilutions and preparing standard solutions. In 1892, the world's first volumetric flask was invented by Dewar after his name, "Dewar Flask." The volumetric flask, also known as measuring flask or graduated flask, is lightweight, compact, and chemical resistant. The flask has ring graduation marking on its extended neck, which stipulates the liquid volume when filled up to the meniscus. The ridge of the flask has a PE Stopper to prevent spillage and maintain a required temperature for the chemicals.

Ordering:

- G 0101-1: 2 ml, 5 ml, 10 ml, 20 ml, 25 ml, 40 ml, 50 ml
- G 0101-2: 100 ml, 150 ml, 250 ml, 500 ml
- G 0101-3: 1000 ml, 2000 ml and 5000 ml



G 0102 Beaker, Tong, SS

Description: Made of stainless steel, Silicon sleeve for temp up to 280° C, Fiber glass yarn to resist direct flame, to hold beakers up to 2 Liters (155mm OD).

Ordering:

- G 0102-1: 250mm, Glass fiber
- G 0102-2: 300mm, Glass fiber
- G 0102-3: 250mm, Silicon
- G 0102-4: 300mm, Silicon



G 0103 Beakers, Low Form with Spout

Description: Complies with DIN 12331 & ISO 3819, Large labeling field for easy marking, Uniform wall thickness & ideal for heating liquids, Clear metric Graduation for convenience, highly resistant to chemical attack.

Ordering:

- | | |
|-------------------|----------------------|
| • G 0103-1: 5ml | • G 0103-9: 500ml |
| • G 0103-2: 10ml | • G 0103-10: 600ml |
| • G 0103-3: 25ml | • G 0103-11: 1000ml |
| • G 0103-4: 50ml | • G 0103-12: 2000ml |
| • G 0103-5: 100ml | • G 0103-13: 3000ml |
| • G 0103-6: 150ml | • G 0103-14: 5000ml |
| • G 0103-7: 250ml | • G 0103-15: 10000ml |
| • G 0103-8: 400ml | |



G 0104 Beakers, Tablet Disintegration

Description: Specially designed for Tablet disintegration machine, large labeling field that enables easy marking, highly resistant to chemical attack.

Ordering:

- G 0104: Beakers, Tablet Disintegration 1000 ml



G 0105 Beakers, Tall form with Spout

Description: Complies with DIN 12331 & ISO 3819, Large labeling field for easy marking, Clear Graduation for easy reading convenience, Uniform wall thickness, Ideal for heating liquids, Clear metric Graduation for convenience, highly resistant to chemical attack.

Ordering:

- G 0105-1: 50ml
- G 0105-2: 100ml
- G 0105-3: 150ml
- G 0105-4: 250ml
- G 0105-5: 400ml
- G 0105-6: 500ml
- G 0105-7: 600ml
- G 0105-8: 1000ml



G 0106 Beakers, Tall form, Without Spout

Description: Complies with DIN 12331 & ISO 3819, Large labeling field for easy marking, Clear Graduation for easy reading convenience, Uniform wall thickness, Ideal for heating liquids, Clear metric Graduation for convenience, highly resistant to chemical attack.

Ordering:

- G 0106-1: 50ml
- G 0106-2: 100ml
- G 0106-3: 150ml
- G 0106-4: 250ml
- G 0106-5: 400ml
- G 0106-6: 500ml
- G 0106-7: 600ml
- G 0106-8: 1000ml



G 0107 Wash Bottles

Description: Made from Low Density Polyethylene which gives these bottles a translucent & unbreakable character, Solutions can be poured easily by squeezing the bottle lightly, The cap is fitted with a flexible polyethylene delivery tube which can be aimed wherever required.

Ordering:

- G 0107-1: 250ml
- G 0107-2: 500ml
- G 0107-3: 1000ml



G 0108 Bottles, Reagent Clear Screw Neck

Description: Complies with DIN/ISO 4796, Autoclavable PP screw cap and pouring ring Printed with retrace code. Specially designed PP Pouring rings for drip-free operations, Clear scale Graduation & large marking area, these complete bottles are autoclavable & can be sterilized, these bottles are highly mechanically du.

Ordering:

- G 0108-1: 10ml
- G 0108-2: 25ml
- G 0108-3: 50ml
- G0108-4: 100ml
- G 0108-5: 250ml
- G 0108-6: 500ml
- G0108-7: 1000ml
- G0108-8: 2000ml
- G 0108-9: 5000ml
- G 0108-10: 10000ml
- G 0108-11: 20000ml



G 0109 Measuring Cylinder Glass

Description: Complies as per DIN EN ISO 4788, With conformity batch certificate

Ordering:

- G 0109-1: 5ml
- G 0109-2: 10ml
- G 0109-3: 25ml
- G0109-4: 50ml
- G 0109-5: 100ml
- G 0109-6: 250ml
- G0109-7: 500ml
- G0109-8: 1000ml
- G 0109-9: 2000ml



G 0110 Measuring Cylinders, Plastic

Description: Moulded in Polypropylene, these autoclavable cylinders have raised prominent graduations, Easy reading and have excellent contact clarity, The broad base provides good stability.

Ordering:

- G 0110-1: 10ml
- G 0110-2: 25ml
- G 0110-3: 50ml
- G0110-4: 100ml
- G 0110-5: 250ml
- G 0110-6: 500ml
- G0110-7: 1000ml
- G0110-8: 2000ml



G 0111 Burette, with PTFE Key Stopcock

Description: Calibrated to meet ASTM E-287 Specifications, supplied with certificate of identification and capacity, Traceable to NIST standards, The burettes are printed in blue enamel.

Ordering:

- G 0111-1: 10ml
- G 0111-2: 25ml
- G 0111-3: 50ml
- G0111-4: 100ml



G 0112 Magnetic Stirrer

Description: Robust Metallic Construction, simultaneously operating stirrers, Consistent heating and stirring, Silicone mat for anti-skid, Homogeneous temperature distribution across the heating plate, Narrow foot print for space saving, High magnetic strength, Knob for electronic variable speed adjustment, adjustment. BLDC motor for smooth drive.

Ordering:

- G 0112-1: 1liter
- G 0112-2: 2 liters
- G 0112-3: 5 liters



G 0113 Micropipettes

Description: A Micropipette is a laboratory equipment used to transfer small quantities of liquids appropriately. The first Micropipette was invented by Heinrich Schnitger in the year 1957 at University of Marburg, Germany.

Ordering:

- G 0113: Micropipettes 2ul-20ul



G 0114 Spatula, one end spoon and one end flat

Description: Made of Stainless-Steel sheet, heavy, one end spoon and one end flat.

Ordering:

- G 0114-1: 4 inches
- G 0114-2: 5 inches
- G 0114-3: 6 inches
- G0114-4: 8 inches
- G 0114-5: 10 inches
- G 0114-6: 12 inches



G 0115 Single Stage Quartz Water Distillation

Description: The apparatus consists of a boiler made from high purity quartz with built in heater and bottom discharge joint for easy cleaning of deposits. A spiral condenser is fitted on the boiler with receiving adapter. The unit comes with Safety Control Unit (Optional) to protect the Glass parts in case of water failure or overheating.

Quartz can withstand very high temperature variation; thus, it is absolutely thermal shock proof.

Ordering:

- G 0115-1: 2.5-liter output capacity
- G 0115-2: 5-liter output capacity
- G 0115-3: 8-liter output capacity
- G0115-4: 10-liter output capacity



G 0116 Gloves

Description: Safety gloves are an essential part of personal protective equipment for many workers, and that all manner of everyday tasks cannot be performed safely without them. Using our hands every day for arduous tasks can be tough, but choosing the correct type of safety gloves can help minimize any discomfort during work and maximize productivity.

Ordering:

- G 0116-1: Nitrile Gloves
- G 0116-2: Rubber Gloves
- G 0116-3: Heat Resistant Gloves
- G 0116-4: Latex Coated Gloves



G 0117 Weighing Scoops

Description: Has open tubular arm, Suitable for use in different quantity.

Ordering:

- G 0117-1: 245x80 mm, 250 ml capacity
- G 0117-2: 260x90 mm, 500 ml capacity
- G 0117-3: 335x120 mm, 1000 ml capacity
- G 0117-4: 380x145 mm, 1500 ml capacity
- G 0117-5: 420x160 mm, 2500 ml capacity



G 0118 ERLENMEYERCONICAL, FLASKS, Narrow Neck With Graduation

Description: Constructed of borosilicate glass. Narrow Neck Erlenmeyer Flasks are conical and graduated. Their characteristic shape allows efficient and spill-proof mixing of substances inside the flask. These flasks are ideal for titration as they support filter funnels and can be placed under a burette. Multiple functions like heating, cooling or storing substances can be done smoothly using a conical flask. Due to their minimum solvent loss properties, these flasks are also used for boiling liquids and for recrystallization.

Ordering:

- G 0118-1: 50ml
- G 0118-2: 100ml
- G 0118-3: 250ml
- G 0118-4: 500ml
- G 0118-5: 1000ml



G 0119 Kjeldahl Flask

Description: Made from MTLG 01 Type 1, Boro 3.3 heat resistance glass., Suitable for determination of Nitrogen.

Ordering:

- G 0119-1: 100ml
- G 0119-2: 300ml
- G 0119-3: 500ml
- G 0119-4: 800ml



G 0120 Dishes, Evaporating

Description: Evaporating dishes are shallow open containers used for the evaporation of solutions and supernatant liquids to produce a concentrated solution or a solid precipitate of the dissolved substance. Evaporating dishes have a relatively flat shell and a large liquid surface that promotes evaporation, as well as a pouring spout that permits easy sample transfer. Most evaporating dishes are made of porcelain or borosilicate glass, which are non-reactive and can withstand heat from a Bunsen burner, but those made from other materials such as glassy carbon and PTFE are also available.

Ordering:

- G 0120-1: Size 80 x 45 mm
- G 0120-2: Size 105 x 55 mm
- G 0120-3: Size 150 x 80 mm
- G 0120-4: Size 200 x 100 mm



G 0121 Petri Dish

Description: Petri dish (Petri plates), named after German Bacteriologist, are shallow dishes used for culturing cells, bacteria, and mosses. Nutrient Agar or other suitable growth media containing ingredients such as blood, cholesterol, salts, and carbohydrate etc. is widely used to culture bacteria for microbiological assays and experiments like those involving antibiotic and viruses (phages).

Ordering:

- G 0121-1: 50ml
- G 0121-2: 80ml
- G 0121-3: 90ml
- G 0121-4: 100ml
- G 0121-5: 125ml
- G 0121-6: 150ml
- G 0121-7: 200ml



G 0122 Solid Penny Head Stopper, Amber

Description: Used on different kind of jointed products like bottles, stoppered cylinder and jointed flasks. The stopper provides a good grip, Comes in DIN STANDARD joint sizes and ASTM standard.

Ordering:

- G 0122-1: Cone size 10/15
- G 0122-2: Cone size 14/15
- G 0122-3: Cone size 14/23
- G 0122-4: Cone size 19/20
- G 0122-5: Cone size 19/26
- G 0122-6: Cone size 24/25
- G 0122-7: Cone size 24/29
- G 0122-8: Cone size 29/32
- G 0122-9: Cone size 34/25



G 0123 Tripod Stand Stainless Steel

Description: Triangular top, all Stainless Steel or steel welded, legs bent outward form stability.

Ordering:

- G 0123-1: 4" x 7" Stainless Steel or steel welded
- G 0123-2: 4" x 8" Stainless Steel or steel welded
- G 0123-3: 5" x 8" Stainless Steel or steel welded



G 0124 Test Tube Stand

Description: Very user-friendly design for better using experience. The seal is doing very well and the test tube will not fall out. Test tube rack is the most basic experimental instrument in the dry test tube of chemical laboratory. A total of 12 or 24 small holes, double-layer design, very large capacity. Made of stainless steel for longer service life and durability.

Ordering:

- G 0122-1: 13 mm x 12 Hole
- G 0122-2: 13 mm x 24 Hole
- G 0122-3: 20 mm x 12 Hole
- G0122-4: 20 mm x 24 Hole
- G 0122-5: 25 mm x 12 Hole
- G 0122-6: 25 mm x 24 Hole
- G 0122-7: 40 mm x 12 hole



G 0125 Hot Plate

Description: Laboratory hot plates are available in round and rectangular shapes. Body is fabricated out of thick mild steel sheet duly finished in stoving enamel paint. The hot plate made of cast iron, nicely & precisely machined & smoothed duly finished in heat resistant black paint is firmly mounted on the body. Heavy duty heating elements are securely layed under the plate to operate on 220 V AC 50 Hz single phase. Temp. is controlled by a three-heat rotary switch along with an indicator lamp for the mains and cord & plug.

Ordering:

- G 0125-1: Hotplate 30x25cm
- G 0125-2: Hotplate 40x25cm
- G 0125-3: Hotplate 45x30cm
- G 0125-4: Hotplate 60x45cm



G 0126 Thermometers

Description: Temperature measuring technology ranges from the use of simple, but accurate, indicating fluids to the sophisticated electronic measurement of electrical resistance with digital displays and advanced memory and analysis features. As awareness of the difficulty of using traditional mercury instruments increases, better and more responsive non-toxic compounds have become more popular. Gilson continually reviews current technology and works to maintain a wide selection of instruments that will be most useful for your unique application.

Ordering:

- G 0126-1 Glass Thermometer -10 to 50°C Grad. 0.5°C Length 305 mm
- G 0126-2 Glass Thermometer -10 to 150°C Grad. 1°C Length 305 mm
- G 0126-3 Glass Thermometer -10 to 250°C Grad. 1°C Length 305 mm
- G 0126-4 Glass Thermometer -10 to 360°C Grad. 2°C Length 305 mm
- G 0126-5 Armored Thermometers 0...100°C, graduation 1 °C
- G 0126-6 Armored Thermometers 0...200°C, graduation 2 °C
- G 0126-7 Max./Min. thermometer, -30°C +50°C
- G 0126-8 Digital Thermometer -50°C to +300°C, Handheld with Probe +/-1°C
- G 0126-9 Infrared Thermometer
- G 0126-10 Dial Thermometer from -200 0 C to 650, in metal case.
- G 0126-11 Electronic Thermometer -200~1370°C (1 Channel)
- G 0126-12 Electronic Thermometer -200~1370°C (4 Channel)
- G 0126-13 Digital thermometer range from -50 to -1000 °C



G 0127 Metal Stainless Steel Tray

Description: Steel Pan used for sample handling, processing, or storing is corrosion-resistant stainless steel. Also feature seamless construction with rounded corners and straight sides. The pans resist heats up to 450°F.

Ordering:

- G 0127-1: Small
- G 0127-2: Medium
- G 0127-3: Large



G 0128 Round Sample Tins

Description: The round sample tins store samples and prevent moisture changes. Each size is sold in a pack.

Ordering:

- G 0128: Round Sample Tins sizes from 1.9" to 3.8"



G 0129 Hydrometer

Description: These hydrometers are used to determine the specific gravity of soil in the range of 0.995 to 1.038 or -5 to 60g/L (using a weight by volume scale).

Soil analysis hydrometers should be stored in a clean, dry, safe place, and should not be subjected to extreme temperatures.

Ordering:

- G 0129-1: 151H (0.995 to 1.038) Accuracy ± 0.001
- G 0129-2: 152H (-5 to 60 g/L) Accuracy 1



G 0130 Thermometer-Hygrometers

Description: With maximum/minimum memory, Option of freeze alert, Probe length 1.2 in. 30mm attached on 9.8 ft. (3m) cable, with flip out stand and magnetic back, Tested and calibrated in triple accredited/registered ISO™/IEC 17025:2005 and A2LA laboratory. Comes with multi-language (English, French, German, Italian, Portuguese and Spanish) instructions and statement of accuracy indicating accuracy traceable to NIST™ and DKD.

Ordering:

- G 0130: Thermometer-Hygrometer



OUR CONTACT

Web: <https://nextequipt.com>

Email: sales@nextequipt.com

Tel: +961 79139531