



Benchtop Lab Equipment

REFERENCE CATALOG

The **Globe Scientific Equipment Division** is pleased to offer laboratory professionals this expanded line of bench-top scientific equipment. Each item has a compact, space-saving footprint designed to conserve valuable space in crowded work areas and ensure maximum portability.

All Globe equipment is manufactured with durable, low maintenance materials engineered to provide users with many years of quiet, efficient and accurate operation in a wide variety of applications.



NUTATING MIXER - 3-DIMENSIONAL

These versatile mixers are designed for thorough, foam-free mixing in tubes. They are offered in two platform sizes, and come standard with an autoclavable dimpled mat to hold tubes in place. Both sizes offer maintenance free brushless motors and are safe for use in cold rooms and incubators. Optional accessories include a flat mat for mixing other vessel types and stacking platforms for doubling the usable surface area of each model.

Item #	Description	Unit
520	Nutating Mixer, 10.5" x 7.5" platform, 115V	1
520-230	Nutation Mixer, 10.5" x 7.5" platform, 230V	1
520-FM	Optional flat mat, 10.5" x 7.5"	1
520-DM	Optional dimpled mat, 10.5" x 7.5"	1
520-SFM	Optional stackable platform with flat mat, 10.5" x 7.5"	1
520-SDM	Optional stackable platform with dimpled mat, 10.5" x 7.5"	1
522	Nutating Mixer II, 12" x 12" platform, 115V	1
522-230	Nutating Mixer II, 12" x 12" platform, 230V	1
528-FM	Optional flat mat, 12" x 12"	1
528-DM	Optional dimpled mat, 12" x 12"	1
528-SFM	Optional stackable platform with flat mat, 12" x 12"	1
528-SDM	Optional stackable platform with dimpled mat, 12" x 12"	1



SPECIFICATIONS:

Platform Size - Nutating Mixer:	10.5" x 7.5" (27cm x 19cm)
Platform Size - Nutating Mixer II:	12" x 12" (30cm x 30cm)
Dimensions - Nutating Mixer:	10" x 7.5" x 8"
Dimensions - Nutating Mixer II:	12" x 12" x 8.3"
Speed Range:	24 rpm*
Tilt Angle:	+/- 20 Degrees
Load Capacity:	2.0 kg / 4.4lbs
Operating Temp. Range:	+4°C to 65°C
Weight - Nutating Mixer:	3.7 lbs (1.7 kgs)
Weight - Nutating Mixer II:	4.4 lbs (2.0 kgs)
Electrical:	115V AC, 60 Hz, 0.4A 230V AC, 50 Hz, 0.2A
Warranty:	2 Years

* Speed for 230V version is 20 rpm



Benchttop Lab Equipment

3-DIMENSIONAL MOTION



SPECIFICATIONS:

Platform Size - Blot Mixer:	10.5" x 7.5" (27cm x 19cm)
Platform Size - Blot Mixer II:	12" x 12" (30cm x 30cm)
Dimensions - Blot Mixer:	10" x 7.5" x 8"
Dimensions - Blot Mixer II:	12" x 12" x 8.3"
Speed Range:	12 rpm*
Tilt Angle:	+/- 8 Degrees
Load Capacity:	2.0 kg / 4.4lbs
Operating Temp. Range:	+4°C to 65°C
Weight - Blot Mixer:	3.7 lbs (1.7 kgs)
Weight - Blot Mixer II:	4.4 lbs (2.0 kgs)
Electrical:	115V AC, 60 Hz, 0.4A 230V AC, 50 Hz, 0.2A
Warranty:	2 Years

* Speed for 230V version is 10 rpm

BLOT / GEL MIXER - 3-DIMENSIONAL

Based on the same design as our Nutating Mixers, we modified the speed to provide a gentle 3-dimensional motion for use with all blot related applications. The tilt angle and speed on our Blot Mixers have been optimally set for gentle, yet thorough mixing in gel trays, boxes and other flat vessels. They are offered in two platform sizes (mini and large), and come standard with autoclavable flat mats that are ideal for blot washes and gel staining/destaining. Both sizes offer maintenance free brushless motors and are safe for use in cold rooms and incubators. Optional accessories include a dimpled mat for mixing tubes and a stackable platform for doubling the usable surface area.

Item #	Description	Unit
525	Blot Mixer, 10.5" x 7.5" platform, 115V	1
525-230	Blot Mixer, 10.5" x 7.5" platform, 230V	1
520-FM	Optional flat mat, 10.5" x 7.5"	1
520-DM	Optional dimpled mat, 10.5" x 7.5"	1
520-SFM	Optional stackable platform with flat mat, 10.5" x 7.5"	1
520-SDM	Optional stackable platform with dimpled mat, 10.5" x 7.5"	1
526	Blot Mixer II, 12" x 12" platform, 115V	1
526-230	Blot Mixer II, 12" x 12" platform, 230V	1
528-FM	Optional flat mat, 12" x 12"	1
528-DM	Optional dimpled mat, 12" x 12"	1
528-SFM	Optional stackable platform with flat mat, 12" x 12"	1
528-SDM	Optional stackable platform with dimpled mat, 12" x 12"	1



ROCKER

Globe's 2 dimensional rocker is specifically optimized with the ideal rocking speed and tilt angle (+/-8° tilt) for blot washing, gel staining/destaining and hybridization applications. Available with an optional dual platform accessory, the rocker offers a sizeable work space, while maintaining a compact footprint and low profile design.

Lightweight and easy to carry, it can be easily transported from the lab bench to a cold room or incubator.

The large load capacity (7 lbs), optional dimpled mat for tubes and multiple platform tie-down points, make this rocker suitable for a wide variety of general purpose applications.

Item #	Description
528	Rocker, 12 rpm, 115V
528-230	Rocker, 10 rpm, 230V
528-FM	Optional flat mat, 12" x 12"
528-DM	Optional dimpled mat, 12" x 12"
528-SFM	Optional stacking platform with flat mat, 12" x 12"
528-SDM	Optional stacking platform with dimpled mat, 12" x 12"

SPECIFICATIONS:

Platform Size:	12" x 12" (30cm x 30cm)
Speed - 115V:	Fixed at 12 rpm
Speed - 240V:	Fixed at 10 rpm
Tilt Angle:	+/- 8°
Work Surface:	Non-skid rubber mat
Load Capacity:	7 lbs (3.2 kgs)
Operating Temp. Range:	+4°C to 65°C
Dimensions (WxDxH):	13.5" x 11.8" x 4.7"
Weight:	6.5 lbs (3 kgs)
Electrical:	115V AC, 60 Hz, 0.4A 230V AC, 50 Hz, 0.2A
Warranty:	2 Years



VORTEX MIXER

Globe's vortex mixer provides a smooth instant vortexing of even the largest sample sizes, including 50mL tubes. The unique counter balance system creates maximum vortexing action, while minimizing noise and excessive vibration. This results in quieter, more efficient and longer lasting operation. The vortex mixer offers touch or continuous operation as well as variable speed control from 200 to 3200 rpm.

Other features include: suction feet, cold room and incubator compatibility as well as spill-proof electronic controls.

Item #	Description
500	Vortex Mixer with universal cup head, 115V
500-230	Vortex Mixer with universal cup head, 230V
500-FH	Optional flat head
500-CH	Optional combo head for tubes and microplates, holds 66 tubes (38 x 1.5mL and 28 x 0.5mL) or one microplate

SPECIFICATIONS:

Speed Range:	200 to 3200 rpm
Operating Modes:	Touch or continuous
Operating Temp. Range:	+4°C to 65°C
Dimensions (WxDxH):	5" x 6.3" x 6.7"
Weight:	8.4 lbs (3.8 kgs)
Electrical:	115V AC, 60 Hz, 1.5A 230V AC, 50 Hz, 0.75A
Warranty:	2 Years



MINI CENTRIFUGE

Globe's mini centrifuge is perfect for quick spin-downs of small samples. It comes standard with a six-place angle rotor for 1.5mL to 2mL microcentrifuge tubes, six tube adapters for 0.5mL tubes and a separate rotor for sixteen 0.2mL PCR tubes or 2 PCR strips. Each rotor can be easily interchanged by the user in a matter of seconds.

The crystal clear lid allows the operator to safely observe samples. A special safety shutoff system cuts the motor as soon as the lid is opened.

The centrifuge is small but mighty. It quickly accelerates to a maximum speed of 6,600 rpm (2,200 rcf) and stops within seconds. The motor provides super quiet, vibration-free operation.

Item #	Description
545B	Mini Centrifuge, blue, with 2 rotors and 6 adapters, 115V
545B-230	Mini Centrifuge, blue, with 2 rotors and 6 adapters, 230V
545R	Mini Centrifuge, red, with 2 rotors and 6 adapters, 115V
545R-230	Mini Centrifuge, red, with 2 rotors and 6 adapters, 230V
545-RND	Extra rotor for six 1.5mL to 2mL microcentrifuge tubes
545-ADP	Extra adapters for 0.5mL tubes (six each)
545-STP	Extra rotor for sixteen 0.2mL PCR tubes or two 8-place 0.2mL PCR strips

SPECIFICATIONS:

RPM:	6,600 rpm
RCF - Round Rotor:	2,000 x g
RCF - Strip Rotor:	2,200 x g
Max Capacity:	
Microtube Rotor:	6 x 1.5 or 2mL
PCR Strip Rotor:	2 x 8 Strips or 16 x 0.2mL tubes
Dimensions (WxDxH):	5" x 5.4" x 3.9"
Operating Temp. Range:	+4°C to 50°C
Weight:	1.98 lbs (0.9kg)
Electrical:	115V to 230 VAC, 50/60 HZ, 0.1A
Warranty:	1 Year



HOT PLATE / MAGNETIC STIRRER

Globe's hotplate stirrer offers the benefit of having two separate machines in one unit. The small, space-efficient design (8 x 9 inch footprint), makes it ideal for use on crowded benchtops and inside of bio-hoods. It features an exceptionally durable, chemical resistant white ceramic work surface.

The advanced microprocessor controls with convenient turn knobs allow quick, precise adjustment and maintenance of speed and temperature. Safety indicator LED's on the front panel indicate when the heating and/or stirring functions have been activated.

With a square 7.5 inches of work surface, the hotplate stirrer is compatible with a wide variety of glass beakers, flasks, bottles and other vessels. This model comes complete with a support rod for mounting thermometers and temperature probes.

Item #	Description
508	Hotplate Stirrer, 115V
508-230	Hotplate Stirrer, 230V
508-S	Stainless steel rod stand, 300mm
508-B	Teflon coated magnetic stir bar, 25mm

SPECIFICATIONS:

Speed Range:	60-1500 rpm
Temperature Range:	Ambient +65 to 380°C
Platform:	7.5" x 7.5"
Control:	Quick adjustment knobs
Dimensions (WxDxH):	8" x 9" x 4.5"
Electrical Data:	120V, 60Hz 230V, 50/60 Hz
Warranty:	2 Years



DIGITAL DRY BATHS

Globe's digital dry baths are designed to keep samples at preset temperatures up to 150°C. They offer digital control over both temperature and time, eliminating the need for an external thermometer or timer. Available in three configurations, the digital dry baths offer capacity for up to four blocks. These models are extremely space efficient - with the largest model holding up to 96 x 1.5mL tubes and taking up less than a square foot of bench top space.

The cavities of the high grade aluminum blocks are precision machined to match the conical size and shape of 0.5, 1.5, 2.0, 15 and 50mL tube sizes, providing unsurpassed temperature uniformity. Assorted blocks are available for compatibility with most common tube sizes.

All Globe dry baths offer a built-in user recalibration function to guarantee long term temperature accuracy. Each dry bath also includes an easy to use block lifter with a temperature insulated handle for quick, convenient exchange of blocks. **Note: Blocks are sold separately.**



A wide assortment of dry bath blocks are available and sold separately.

Item #	Description
515	Digital Dry Bath, single position, 115V
515-230	Digital Dry Bath, single position, 230V
517	Digital Dry Bath, two position, 115V
517-230	Digital Dry Bath, two position, 230V
518	Digital Dry Bath, four position, 115V
518-230	Digital Dry Bath, four position, 230V
518-1	Solid block for slides and machining
518-2	Block, 24-place for 1.5mL micro tubes
518-3	Block, 24-place for 1.5 or 2mL micro tubes
518-4	Block, 24-place for 0.5mL micro tubes
518-5	Block, 12-place for 15mL tubes
518-6	Block, 20-place for 10mm test tubes or 2mL micro tubes
518-7	Block, 20-place for 13mm test tubes
518-8	Block, 5-place for 50mL centrifuge tubes
518-9	Block, 12-place for 15mm or 16mm tubes

SPECIFICATIONS:

Temperature Range:	Amb. +5 to 150°C*
Temp. Resolution:	0.1°C
Temp. Accuracy:	+/- 0.2°C
Temp. Increments:	0.1°C
Temp. Uniformity:	+/- 0.2°C
Timer:	1 to 999 Minutes
Dimensions (WxDxH):	
Single:	7.8" x 9" x 3.2"
Two Position:	8.7" x 10.3" x 3.2"
Four Position:	8.7" x 14" x 3.2"
Block Dimensions (WxDxH):	3" x 3.75" x 2"
Chamber:	Fast heating aluminum
Operating Temp. Range:	+4°C to +65°C
Electrical:	115V AC, 60Hz / 230V AC, 50 Hz
Warranty:	2 Years

* Temp. range of 4-position dry bath is Amb. +5 to 130°C



MINI INCUBATOR

Globe's mini incubator provides even heating and uniformity using wrap-around heating elements. Control of heating and temperature stability are maintained by a hydraulic thermostat. A thermometer port is built into the top of the incubator. A large plexiglass viewing area in the door of the unit gives a clear view of the contents. Easy to clean shelves can be placed at two levels within the chamber. The corrosion resistant interior and sturdy, dependable construction provide a long, maintenance-free, service life. The mini incubator can accommodate up to 48 petri dishes or 28 standard 96 well plates.

- Ideal for microbiology, tissue culture and hematology applications
- Corrosion resistant chamber
- Door with large viewing area
- Pilot light to indicate heating

Item #	Description
505	Mini Incubator, 115V
506	Mini Incubator, 230V
505-TP	Thermometer probe - for use with Mini Incubator

SPECIFICATIONS:

Exterior Dimensions (WxDxH):	11.2" x 11" x 13.2"
Interior Dimensions (WxDxH):	9" x 7.9" x 7.9"
Weight:	18.4 lb (8.3 kg)
Chamber Capacity:	0.375 cu. ft. (9.2L)
Temperature Range:	Ambient +5 to 60° C
Controls:	Analog
Stability:	±0.6°C at 37°C (N.I.S.T. traceable thermometer)
Uniformity:	0.65°C at 37°C
Electrical:	120V, 50/60Hz, 0.6A 230V, 50/60 Hz, 0.3A
Warranty:	1 Year



6 LITER MINI WATER BATH

Globe's mini water bath comes complete with a stainless steel gable cover to minimize evaporation. The stainless steel, seamless chamber provides a long, worry-free service life. The unit provides 550W of heating power and is equipped with a pilot light to indicate heating mode. The compact design makes it ideal for use where benchtop space is at a premium.

- Compact design
- Stainless steel gable cover
- 550W heating power
- Pilot light to indicate heating
- Stainless steel, seamless chamber

Item #	Description
510	Mini water bath with stainless steel cover and thermometer clip, 120V
511	Mini water bath with stainless steel cover and thermometer clip, 230V

SPECIFICATIONS:

Exterior Dimensions (W x D x H):	14" x 11" x 13"
Interior Dimensions (W x D x H):	12.6" x 6.7" x 6.9"
Weight:	17 lbs (7.7kgs)
Chamber Capacity:	6 Liter
Temperature Range:	Ambient +5° to 100° C
Electrical:	120V - 50/60Hz, 4.8A 230V - 50/60Hz, 2.4A
Warranty:	1 Year



EXCEPTIONAL QUALITY LAB SUPPLIES

Globe Scientific is a leading producer of high-quality laboratory plasticware, glassware and equipment. Our products are sold worldwide and are used in many industries including Clinical, Research, Hospital, Veterinary and Specialty markets.

- Analyzer consumables
- Bags
- Beakers
- Bench-top equipment
- Biohazard specimen bags
- Blood collection products
- Bottles
- Capillary tubes
- Centrifuge tubes
- Containers
- Cryogenic tubes
- Cylinders
- Cytology products
- Drug test containers
- Drying rack
- ESR systems
- Formalin filled containers
- Formalin neutralization
- Funnels
- Inoculation loops
- Microhematocrit tubes
- Microscope slides
- Micro test plates
- Pipettors
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