



Benchtop Laboratory Equipment & Instrumentation

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GCC-P / PORTABLE CLINICAL CENTRIFUGE

The Globe Scientific GCC-P Portable Clinical Centrifuge is designed for easy transport to facilitate convenient field separations using the included 12VDC car power adaptor.

The GCC-P Portable Centrifuge is compact in size and packed with the features required for routine clinical applications. The included six-position rotor accommodates 1.5mL to 5mL, 7mL, 10mL and 15mL tubes (all adapters are included). A weighted base ensures the unit remains stable in field environments. An easy-to-read LCD display shows both time and speed or RCF. Two program buttons enable simple programming and recall of regularly used methods. The timer will not count down until the set speed is reached to ensure your separations and experiments work as intended. Safety is maintained by an automatic lid lock that only disengages when the program is completed or manually once the unit has completely stopped.

Features:

- Suitable for numerous clinical and research applications
- Operates using an included 12VDC car adaptor (wall adaptors sold separately)
- Fast acceleration and two deceleration speeds
- Speed range of 300-5000rpm
- Independent control of speed or RCF & time
- Audible alert function
- Ideal for use with numerous tube types
- Includes fixed angle rotor that holds up to six 15mL centrifuge tubes or six 5mL, 7mL, 10mL or 1.5/2.0mL tubes when adapters are used
- All adaptors included

Perform separations in the field!



Included 15mL rotor cavity adapters facilitate the use 5mL, 7mL, 10mL tubes or 1.5mL-2.0mL microcentrifuge tubes



Convenient field operations are easily facilitated using the included 12VDC car adaptor

Item #	Description	Unit
GCC-P	Clinical Centrifuge, Portable, with Two Program Locations, 12VDC Car Adaptor, w/ 6-Place 15mL Rotor	Each
GCC-P-ADP5	Tube Adaptors, for 5mL tubes	6
GCC-P-ADP2	Tube Adaptors, for 1.5/2.0mL tubes	6
GCC-P-PWR	Wall Power Adaptor, 100-240VAC, 50/60Hz	Each
GCC-P-12VPWR	Car Power Adaptor, 12VDC	Each

Specifications:

Speed Range	300-5000rpm in 10rpm increments
Maximum RCF	2350xg
Speed Accuracy	±20rpm
Rotor Capacity	Six 15mL/10mL/7mL/5mL-1.5mL tubes
Run Time	1 sec — 99 min or continuous
Power	12VDC (110-240VAC optional), 70W
Display	LCD
Acceleration Time	30 Seconds
Braking Time	30 Seconds (setting 1), 50 Seconds (setting 2)
Dimension (WxDxH)	240 × 300 × 180mm (9.5 x 11.8 x 7.1in)
Weight	5.2kg (11.5lbs)
Certifications	cTUVus, CB, UKCA, CE LVD, FCC, ICES, CE EMC
Warranty	2 Years



Our Most Popular Centrifuge

GCC-S / STANDARD CLINICAL CENTRIFUGE

The GCC-S Clinical Centrifuge has been designed for numerous clinical and research applications with simple yet robust features. The included twelve-position rotor accommodates 5mL, 7mL or 10mL culture or blood and urine collection tubes and up to eight 15mL tubes (all adapters are included).

An easy to read LED display shows both time and speed and is easily programmed. The timer will not count down until the set speed is reached to ensure your separations and experiments work as intended. The manual door release is positioned on the side of the unit to ensure the GCC-S remains closed until you want access.

Features:

- Fast acceleration and deceleration
- Speed range of 300-4500rpm
- Independent control of speed & time
- Suitable for numerous clinical and research applications, including separations
- Ideal for use with 15ml centrifuge tubes and most collection tubes
- Includes fixed angle rotor that holds up to twelve 5mL/7mL/10mL tubes or eight 15ml tubes
- All adaptor sleeves and risers included
- Audible alert function

Safety Features:

- Door alarm
- Excessive speed detection



Twelve position rotor compatible with 5mL, 7mL, 10mL and 15mL tubes



Included rotor cavity sleeves and risers convert the rotor cavity for use with 5mL, 7mL or 10mL tubes

Item #	Description	Unit
GCC-S	Clinical Centrifuge, 12-place, 120-240v, 50/60Hz	Each
GCC-ADP	Rotor Cavity Sleeves and Risers, converts the rotor cavity for use with 5mL, 7mL and 10mL tubes, 12 each of both Sleeves and Risers	24
GCC-AD1	Rotor Adapter Sleeves for 5mL, 7mL and 10mL tubes	12
GCC-PLUG	Rotor Adapter Risers for: 5mL, 7mL and 10mL tubes	12

Specifications:

Speed	300-4500rpm in 100rpm increments
Maximum RCF	2490xg
Speed Accuracy	±100rpm
Rotor Capacity	Twelve 5mL/7mL/10mL tubes or eight 15ml tubes
Run Time	1 sec — 99 min or continuous
Power	3A, 70W
Display	LED
Acceleration Time	23 Seconds
Braking Time	23 Seconds
Dimension (WxDxH)	301 x 354 x 217mm (11.9 x 13.9 x 8.5in)
Weight	6kg (13.2lbs)
Certifications	CE, cTUVus, FCC, MCA
Warranty	2 Years



Twelve position rotor compatible with 5mL, 7mL, 10mL and 15mL tubes

Specifications:

Speed	300-4500rpm in 100rpm increments
Maximum RCF	2490xg
Speed Accuracy	±20rpm
Rotor Capacity	Twelve 5mL/7mL/10mL tubes or eight 15ml tubes
Run Time	30 sec — 99 min or continuous
Power	3A, 70W
Display	LCD
Acceleration Time	20 Seconds
Braking Time	13 Seconds
Dimension (WxDxH)	301 x 354 x 217mm (11.9 x 13.9 x 8.5in)
Weight	6kg (13.2lbs)
Certifications	CE, UL, IVD
Warranty	2 Years

GCC-E / ENHANCED CLINICAL CENTRIFUGE

Building on the solid platform of Globe's standard clinical centrifuge, the GCC-E adds an enhanced user interface with its easy to read backlit LCD display, high accuracy and automated self-diagnostics on startup. The GCC-E is suitable for numerous clinical and research applications and includes a twelve-position rotor that accommodates 5mL, 7mL or 10mL culture or blood collection tubes and up to eight 15mL tubes (all adapters are included).

Programming allows for setting by either speed or G-force. A quick spin (pulse) function enables easy spin downs when a timed program isn't necessary. The added safety of an electric locked lid ensures users don't open the lid too soon after a protocol is completed.

Features:

- Simple programming for ease of use
- Intuitive menus with highly legible LCD display
- Rotor speed can be set by RPM or G-force
- Maintenance-free motor
- Quick spin function (pulse button)
- Electronic locking safety lid with automatic release
- Automatic self-diagnostics on startup (shows accumulative run time and retains last set parameters)
- Quick acceleration and deceleration
- All adaptor sleeves and risers included
- Audible alert function

Advanced Features:

- Speed/RCF set point
- Pulse function
- Audible alert function

Safety Features:

- Door interlock
- Excessive speed detection
- Automatic self-diagnostics

Item #	Description	Unit
GCC-E	Clinical Centrifuge, enhanced, 12-place, 120-240v, 50/60Hz	Each
GCC-ADP	Rotor Cavity Sleeves and Risers, converts the rotor cavity for use with 5mL, 7mL and 10mL tubes, 12 each of both Sleeves and Risers	24
GCC-AD1	Rotor Adapter Sleeves for 5mL, 7mL and 10mL tubes	12
GCC-PLUG	Rotor Adapter Risers for: 5mL, 7mL and 10mL tubes	12



Included rotor cavity sleeves and risers convert the rotor cavity for use with 5mL, 7mL or 10mL tubes



GCC-E50 / ENHANCED CLINICAL CENTRIFUGE

The Globe Scientific GCC-E50 Enhanced Clinical Centrifuge is an economical solution for 15mL and 50mL separations with an enhanced user interface, easy to read backlit LCD display, tight accuracy, and automated self-diagnostics on startup. An extension based on the Globe Scientific GCC-E enhanced clinical centrifuge, the GCC-E50 employs a new rotor for spinning up to six 50mL centrifuge tubes or six 15mL centrifuge tubes.

Programming allows for setting either by speed or G-force. A quick spin function also enables easy spin downs when a timed program isn't necessary. The added safety of an electric locked lid ensures users don't open the lid too soon after a protocol is completed.

Features:

- Simple programming for ease of use
- Intuitive menus with highly legible LCD display
- Rotor speed can be set by RPM or G-force
- Maintenance-free motor
- Quick spin function (pulse button)
- Electronic locking safety lid with automatic release
- Automatic self-diagnostics on startup (shows accumulative run time and retains last set parameters)
- Quick acceleration and deceleration
- Audible alert function

Advanced Features:

- Speed/RCF set point
- Pulse function
- Audible alert function

Safety Features:

- Door interlock
- Excessive speed detection
- Automatic self-diagnostics



Twelve position rotor compatible with 6 each 15mL or 50mL conical tubes

Item #	Description	Unit
GCC-E50	Clinical Centrifuge, Enhanced, 12-Place, 120-240v, 50/60Hz	Each
GCC-E50-ADP2	Tube Adaptors, GCC-E50, for 1.5/2.0mL tubes	6



Optional rotor cavity sleeves convert the 15mL rotor cavities for use with 1.5mL or 2.0mL microcentrifuge tubes

Specifications:

Speed	300-4000rpm in 100rpm increments
Maximum RCF	1800xg
Speed Accuracy	±20rpm
Rotor Capacity	Six 50mL or six 15mL centrifuge tubes
Run Time	30 sec — 99 min or continuous
Power	3A, 70W
Display	Backlit LCD
Acceleration Time	20 Seconds
Braking Time	13 Seconds
Dimension (WxDxH)	301 x 354 x 217mm (11.9 x 13.9 x 8.5in)
Weight	6kg (13.2lbs)
Certifications	CE, IVD
Warranty	2 Years



GCC-MP-50ML8 — Aluminum alloy rotor, 8-place for 50mL centrifuge tubes



GCC-MP-15ML — Aluminum alloy rotor, 30-place for 15mL centrifuge tubes

GCC-MP / MULTI-PURPOSE CLINICAL CENTRIFUGE

The Globe Scientific GCC-MP Multi-Purpose Clinical Centrifuge is a large capacity centrifuge that can be used in a variety of clinical lab applications. With a wide selection of fixed rotors as well as a swingout rotor and buckets, the GCC-MP is compatible with virtually any tube typically found in the clinical lab environment and can be customized to your specific applications and methods.

Safety features include door interlock, overspeed detection, over temperature detection and imbalance protection. Operation can be timed or momentary (pulse) and set by speed or G-force. Automatic rotor detection is also included.

Features:

- Simple yet feature-rich operation
- Fixed angle, swing bucket and microplate rotor options available
- Numerous safety features
- Accommodates tubes from 0.2mL to 100mL and microplates

Safety Features:

- Door interlock
- Overspeed detector
- Over-temperature detector
- Imbalance protection
- Automatic rotor identification

For separations and spin downs in tubes from 0.2mL to 100mL and microplates, choose the GCC-MP!

Specifications:

Maximum Speed	300-6000rpm, increment: 10rpm
Maximum RCF	4300×g
Speed Accuracy	±20rpm
Run Time	30 sec — 99 min or continuous
Program Storage	Yes, up to 9
Power	10A, 660W
Display	Backlit LCD
Acceleration Time	9 Seconds
Braking Time	10 Seconds
Dimension (WxDxH)	445 × 579 × 269mm (17.5 x 22.8 x 10.6in)
Weight	36kg (79.4lbs)
Certifications	CE, cTUVus, FCC, MCA
Warranty	2 Years

ACCESSORIES FOR GCC-MP MULTI-PURPOSE CLINICAL CENTRIFUGE



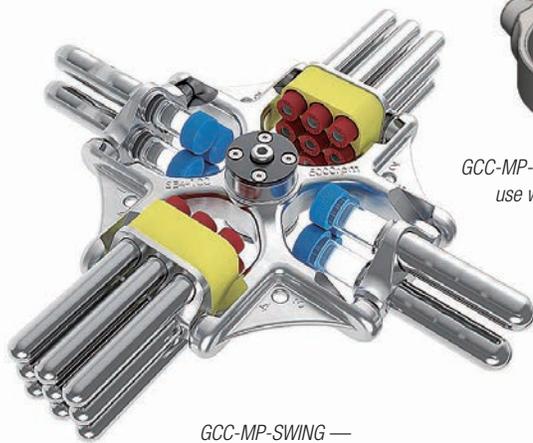
GCC-MP-5ML — Aluminum alloy rotor with lid, fixing clips and o-ring, 18-place for 5mL conical bottom tubes



GCC-MP-2ML30 — Aluminum alloy rotor with lid, fixing clips and o-ring, 30-place for 1.5mL and 2.0mL microcentrifuge tubes



GCC-MP-PCR — Aluminum alloy rotor with lid, fixing clips and o-ring, 12-place for 0.2mL 8 position PCR strip



GCC-MP-SWING — Aluminum alloy swing-out rotor, 4-place for buckets (buckets / tube adapters sold separately)



GCC-MP-SWING-100ML4 — Bucket for use with GCC-MP-SWING rotor, for 4 x 100mL tubes



GCC-MP-SWING-50ML8 — Buckets for use with GCC-MP-SWING rotor, for 8 x 50mL tubes



GCC-MP-SWING-15ML16 — Buckets for use with GCC-MP-SWING rotor, for 16 x 10mL, 12mL and 15mL tubes



GCC-MP-SWING-7ML36 — Buckets for use with GCC-MP-SWING rotor, for 36 x 3mL and 7mL tubes



GCC-MP-SWING-PLATE — Aluminum alloy swing-out rotor for microplates (2-place)

Item #	Description	Unit
GCC-MP	Clinical Centrifuge, multi-purpose, 120V, 60Hz, US plug (rotor not included)	Each
GCC-MP-UK-EU	Clinical Centrifuge, multi-purpose, 240V, 50Hz, UK & EU plugs (rotor not included)	Each
GCC-MP-2ML30	Rotor with Lid, aluminum alloy, fixing clips and o-ring, 6000rpm max, 30-place for 1.5mL and 2.0mL microcentrifuge tubes	Each
GCC-MP-2ML60	Rotor with Lid, aluminum alloy, fixing clips and o-ring, 6000rpm max, 60-place for 1.5mL and 2.0mL microcentrifuge tubes	Each
GCC-MP-5ML	Rotor with Lid, aluminum alloy, fixing clips and o-ring, 6000rpm max, 18-place for 5mL conical bottom tubes	Each
GCC-MP-15ML	Rotor, aluminum alloy, 4500rpm max, 30-place for 15mL centrifuge tubes	Each
GCC-MP-15ML-ADP	Rotor Adapter Risers, for use with 3mL tubes	10
GCC-MP-50ML6	Rotor with Lid, aluminum alloy, fixing clips and o-ring, 6000rpm max, 6-Place for 50mL Centrifuge Tubes	Each
GCC-MP-50ML8	Rotor, aluminum alloy, 5000rpm max, 8-place for 50mL centrifuge tubes	Each
GCC-MP-PCR	Rotor with Lid, aluminum alloy, fixing clips and o-ring, 6000rpm max, 12-place for 0.2mL 8 position PCR strips	Each
GCC-MP-SWING	Rotor, swing-out, aluminum alloy, 4-place for buckets (buckets / tube adapters sold separately)	Each
GCC-MP-SWING-100ML4	Buckets, for use with GCC-MP-SWING Rotor, for 4 x 100mL tubes (1 tube per bucket)	4
GCC-MP-SWING-50ML8	Buckets, for use with GCC-MP-SWING Rotor, for 8 x 50mL tubes (2 tubes per bucket)	4
GCC-MP-SWING-15ML16	Buckets, for use with GCC-MP-SWING Rotor, for 16 x 10mL, 12mL and 15mL tubes (4 tubes per bucket)	4
GCC-MP-SWING-7ML36	Buckets, for use with GCC-MP-SWING Rotor, for 36 x 3mL and 7mL tubes (9 tubes per bucket)	4
GCC-MP-SWING-PLATE	Rotor, swing-out, aluminum alloy, 4000rpm max, 2-place for microplates	Each



GCH-24 / HEMATOCRIT CENTRIFUGE

The GCH-24 Hematocrit Centrifuge allows your lab to determine erythrocyte fractions in blood as well as micro solution separations using the included twenty-four place capillary rotor. The included rotor lids enhance user safety and are easy to remove or replace.

Programming is simple with the backlit LCD display, intuitive control buttons and parameter adjustment knob. The timer will not count down until the programmed speed is reached ensuring accurate results. Setpoint can be set by G-force or RPM.

Features:

- Speed range of 200-14000rpm, max. RCF 18620×g
- Included hematocrit rotor: 24 capillary capacity, max. speed of 12000rpm
- Optional tube rotor: 24 place 1.5/2mL capacity, max. speed of 14000rpm
- Independent control of speed & time
- Easy operation with intuitive menu and easy-to-read display
- Maintenance-free brushless DC motor
- Pulse operation for quick spins
- Includes pulse operation (quick spin)

Advanced Features:

- Speed/RCF switch
- Short-time run function
- Audible alert function

Safety Features:

- Door interlock
- Overspeed detector
- Over-temperature detector
- Automatic internal diagnosis
- Automatic rotor identification



The GCH-24 also includes a reading disk lid for accurate measurements



The GCH-24 comes with 24 place aluminum capillary rotor

Item #	Description	Unit
GCH-24	Hematocrit Centrifuge, 24-place, 120v, 60Hz, (US plug, includes: 24 place hematocrit rotor kit with lid and reading disk)	Each
GCH-24-UK	Hematocrit Centrifuge, 24-place, 230v, 50Hz, UK plug, (includes: 24 place hematocrit rotor kit with lid and reading disk)	Each
GCH-24-EU	Hematocrit Centrifuge, 24-place, 230v, 50Hz, EU plug, (includes: 24 place hematocrit rotor kit with lid and reading disk)	Each
GCH-24-ROT-1.5-2	Rotor for use with GCH-24 Hematocrit Centrifuge with Lid, Fixing Clips and O-Ring, 14000rpm max, 24-place for 1.5mL and 2.0mL microcentrifuge tubes	Each
GCM-24-AD2	Rotor Adapters for use with GCH-24-ROT-1.5-2, for 0.2mL tubes	24
GCM-24-AD5	Rotor Adapters for use with GCH-24-ROT-1.5-2, for 0.5mL tubes	24

Specifications:

Speed	200-14000rpm in 10rpm increments*
Maximum RCF	18620xg
Speed Accuracy	±20rpm
Run Time	30 sec — 99 min or continuous
Power	5A, 500W
Display	Backlit LCD
Acceleration Time	30 Seconds
Braking Time	30 Seconds
Dimension (WxDxH)	280 x 364 x 266mm (11.0 x 14.3 x 10.5in)
Weight	10kg (22lbs)
Certifications	CE, cTUVus, FCC, MCA
Warranty	2 Years

* Rotor dependent

GCM-12 / HIGH SPEED MICROCENTRIFUGE

The GCM-12 is a revelation in microcentrifuges: small enough to fit any lab, yet feature-filled at a value that cannot be beat. The GCM-12 is compatible with numerous biological, chemistry, clinical and research applications including molecular biology, blood labs, DNA protocols and many more.

The GCM-12 includes an abundance of features found in much more expensive models, including a large LCD display with accurate control, a brushless DC motor, pulse operation for quick spins, high centrifugal force, interlocking safety lid, quiet running and more. The included twelve position rotor is compatible with 1.5mL and 2.0mL microcentrifuge tubes or with 0.2mL and 0.5mL microcentrifuge tubes when using optional adapters (sold separately).

Features:

- Compact yet powerful with max 15000rpm / 15100 x g
- Ideal for many laboratory applications
- Quick acceleration / deceleration
- Quiet operation
- Premium features at an obtainable cost

Advanced Features:

- Speed/RCF switch
- Pulse operation
- Audible alert function

Safety Features:

- Door interlock
- Excessive speed detection
- Excessive temperature detection
- Automatic self-diagnostics



Included 12-place rotor with aerosol lid holds both 1.5mL and 2.0mL microcentrifuge tubes

Item #	Description	Unit
GCM-12	High Speed Microcentrifuge, 12-place, 120-240v, 50/60Hz	Each
GCM-12-AD2	Rotor Adapters, for 0.2mL tubes	24
GCM-12-AD5	Rotor Adapters, for 0.5mL tubes	24

Specifications:

Speed	500-15000rpm in 100rpm increments
Maximum RCF	15100xg
Speed Accuracy	±20rpm
Rotor Capacity	Twelve 1.5mL/2.0mL tubes or twelve 0.2mL/0.5mL tubes with optional adapters
Run Time	30 sec — 99 min or continuous
Power	3A, 100W
Noise level	≤54dB
Acceleration Time	11 Seconds
Braking Time	9 Seconds
Dimension (WxDxH)	255 x 245 x 140mm (10.0 x 9.6 x 5.5in)
Weight	6kg (13.2lbs)
Certifications	EMC, CE, FCC, ICES, cTUVus, CB
Warranty	2 Years



Included biosafety aerosol containment lid

Included 24-place aluminum alloy rotor holds both 1.5mL and 2.0mL microcentrifuge tubes

Specifications

Maximum Speed	15000rpm (200-15000rpm), increment:10rpm
Maximum RCF	21380xg, increment:10xg
Speed Accuracy	±20rpm
Rotor Capacity	Twenty-four 1.5mL/2.0mL tubes
Run Time	30 sec — 99 min or continuous
Power	5A, 200W
Acceleration Time	25 Seconds
Braking Time	25 Seconds
Dimension (WxDxH)	280 x 364 x 266mm (11.0 x 14.3 x 10.5in)
Weight	12kg / 26.5lbs
Certifications	CE, cTUVus, FCC, MCA
Warranty	2 Years

GCM-24 / MICROCENTRIFUGE

The GCM-24 is a powerful, feature-rich microcentrifuge at an affordable cost. It is easily programmable through a combination of LCD display, control buttons and parameter adjustment knob. The GCM-24 is compatible with numerous biological, chemistry, clinical and research applications including molecular biology, blood labs, DNA protocols and many more.

Standard features include a high strength 24 place 1.5mL and 2.0mL aluminum alloy rotor with biosafety aerosol containment lid (all of which can be fully autoclaved). Multi-flow air cooling ensures your temperature sensitive samples are safe. The GCM-24 features pulse operation for quick spins, a unique temperature monitor and much more.

Features:

- Reliable and intuitive LCD display
- Temperature monitoring for handling of critical samples sensitive to fluctuations
- Quiet operation
- Maintenance-free brushless DC motor
- Fully autoclavable 1.5mL and 2.0mL aluminum rotor with aerosol lid included as standard
- Includes pulse operation (quick spin)
- Patented multi-flow air cooling design ensures fast, efficient cooling of the rotor and helps lower energy consumption
- Optional rotors available

Advanced Features:

- Speed/RCF switch
- Quick spin function
- Audible alert function

Safety Features:

- Dual door safety interlock
- Excessive speed detection
- Automatic internal diagnostics



The GCM-24 can be easily programmed using the intuitive control panel buttons and parameter adjustment knob

Item #	Description	Unit
GCM-24	Microcentrifuge, 120v, 60Hz, US plug, with 24-place rotor	Each
GCM-24-UK	Microcentrifuge, 230v, 50Hz, UK plug, with 24-place rotor	Each
GCM-24-EU	Microcentrifuge, 230v, 50Hz, EU plug, with 24-place rotor	Each
GCM-24-5MLR	Rotor with Lid, Fixing Clips & O-Ring, 18-place for 5mL culture tubes	Each
GCM-24-5ML	Rotor with Lid, Fixing Clips & O-Ring, 2-place for 5mL Eppendorf style tubes	Each
GCM-24-05ML	Rotor with Lid, Fixing Clips & O-Ring, 36-place for 0.5mL microcentrifuge tubes	Each
GCM-24-PCR	Rotor with Lid, Fixing Clips and O-Ring, 4-place for 8 position 0.2mL PCR strips	Each
GCM-24-AD2	Rotor Adapters, for 0.2mL tubes	24
GCM-24-AD5	Rotor Adapters, for 0.5mL tubes	24
GCM-24-AD52	Rotor Adapters for use with GMC-24-05ML rotor, for 0.2mL tubes	36



Redesigned



The GCM-R-24 can be easily programmed using the intuitive control panel buttons and parameter adjustment knob

Included 24-place aluminum alloy rotor holds both 1.5mL and 2.0mL microcentrifuge tubes



Included biosafety aerosol containment lid

Specifications

Maximum Speed	15000rpm (200-15000rpm), increment:10rpm
Maximum RCF	21380xg, increment:10xg
Speed Accuracy	±20rpm
Temperature Range	-20°C - 40°C
Rotor Capacity	Twenty-four 1.5mL/2.0mL tubes
Run Time	30 sec — 99 min or continuous
Power	10A, 400W
Acceleration Time	25 Seconds
Braking Time	25 Seconds
Dimension (WxDxH)	338 x 580 x 324mm (13.3 x 22.8 x 12.8in)
Weight	30kg / 66.1lbs
Certifications	CE, cTUVus, FCC, MCA
Warranty	2 Years

GCM-R-24 / REFRIGERATED MICROCENTRIFUGE

Globe Scientific's GCM-R-24 Refrigerated Microcentrifuge is based on the solid foundation of the GCM-24 and adds refrigerated control for your critical temperature sensitive samples, as well as acceleration and deceleration adjustments and ten program locations. Suitable for various applications, including molecular biology, chemistry, and more, the GCM-R-24 has an intuitive button and knob interface for quick programming, a high strength 24 place aluminum alloy rotor with a biosafety aerosol containment lid (all of which can be fully autoclaved), a powerful yet quiet compressor for fast, accurate temperature control and much more. The GCM-R-24 can cool it's rotor chamber and samples down to 4°C within just seven minutes of operation — even at maximum speed and capacity!

Features:

- Pre-cooling ensures optimal protection of the sample before operation
- Guaranteed 4°C cooling of both chamber and samples within only 7 minutes — even at maximum speed and capacity utilization
- Audible alert function
- Dual lid lock function ensures samples are kept at temperature even after centrifugation
- Intermittent temperature control mode, CFC-free refrigerant and low carbon life rotor capacity
- Acceleration and deceleration adjustments
- Ten program locations
- Fully autoclavable aluminum rotor with aerosol lid included as standard
- Optional rotors available
- Quiet operation (noise level ≤ 54dB)
- Maintenance-free brushless DC motor

Advanced Features:

- Speed/RCF switch
- Quick spin function
- Audible alert function

Safety Features:

- Dual door safety interlock
- Over-temperature detection
- Excessive speed detection
- Automatic internal diagnostics

Item #	Description	Unit
GCM-R-24	Refrigerated Microcentrifuge, 120v, 60Hz, US plug, with 24-place rotor	Each
GCM-R-24-UK	Refrigerated Microcentrifuge, 230v, 50Hz, UK plug, with 24-place rotor	Each
GCM-R-24-EU	Refrigerated Microcentrifuge, 230v, 50Hz, EU plug, with 24-place rotor	Each
GCM-24-5MLR	Rotor with Lid, Fixing Clips & O-Ring, 18-place for 5mL culture tubes	Each
GCM-24-5ML	Rotor with Lid, Fixing Clips & O-Ring, 2-place for 5mL Eppendorf style tubes	Each
GCM-24-05ML	Rotor with Lid, Fixing Clips & O-Ring, 36-place for 0.5mL microcentrifuge tubes	Each
GCM-24-PCR	Rotor with Lid, Fixing Clips and O-Ring, 4-place for 8 position 0.2mL PCR strips	Each
GCM-24-AD2	Rotor Adapters, for 0.2mL tubes	24
GCM-24-AD5	Rotor Adapters, for 0.5mL tubes	24
GCM-24-AD52	Rotor Adapters for use with GMC-24-05ML Rotor, for 0.2mL tubes	36



Specifications:

Maximum Speed	7000rpm (fixed)
Maximum RCF	2680xg
Rotor Capacity	Eight 0.2/0.5/1.5/2.0mL tubes, thirty-two 0.2mL PCR tubes or four PCR 8 strips
Run Time	Continuous operation
Power	20W
Noise level	≤45dB
Dimension (WxDxH)	160 x 170 x 122mm (6.3 x 6.7 x 4.8in)
Weight	0.5kg (1.1lbs)
Certifications	CE, cTUVus, FCC, MCA
Warranty	2 Years



Included accessories for
GCM Series Mini Centrifuges

GCM SERIES MINI CENTRIFUGES

Globe's GCM Series was designed with your lab in mind . . . whether you spin-down microcentrifuge tubes, PCR tubes or PCR strip tubes, the GCM will provide you with reliable performance use after use. Operating the GCM is quick and easy: close the lid to accelerate to 7,000rpm and simply open the lid for quick deceleration to stop.

Included with all GCM Mini Centrifuges are an eight-position microcentrifuge tube rotor for 1.5mL and 2.0mL tubes, a PCR tube rotor that accommodates 0.2mL tubes and strips as well as eight adapters for 0.2mL tubes and eight adapters for 0.5mL tubes. Changing rotors requires no tools — simply release the rotor catch and pull up to remove and press down to replace.

Features:

- Ideal for quick spin-downs and microfiltration
- EZ-Swap™ rotor attachments can be interchanged without tools
- Includes 8 position 1.5mL/2mL rotor, 32 position 0.2mL PCR tubes and strips rotor, 8 each 0.2ml adapters and 8 each 0.5ml adapters
- Available in your choice of 3 lid colors: red, blue and green
- Fast acceleration and braking
- “Close to start – open to stop” functionality
- 7000rpm speed (2680 x g)
- Small, lightweight and portable
- Runs quietly

Item #	Description	Unit
GCM-B	Mini Centrifuge, 8-Place, 7000rpm fixed speed, blue lid, 120v, 60Hz, US plug	Each
GCM-G	Mini Centrifuge, 8-Place, 7000rpm fixed speed, green lid, 120v, 60Hz, US plug	Each
GCM-R	Mini Centrifuge, 8-Place, 7000rpm fixed speed, red lid, 120v, 60Hz, US plug	Each
GCM-B-UK	Mini Centrifuge, 8-Place, 7000rpm fixed speed, blue lid, 240v, 50Hz, UK plug	Each
GCM-G-UK	Mini Centrifuge, 8-Place, 7000rpm fixed speed, green lid, 240v, 50Hz, UK plug	Each
GCM-R-UK	Mini Centrifuge, 8-Place, 7000rpm fixed speed, red lid, 240v, 50Hz, UK plug	Each
GCM-B-EU	Mini Centrifuge, 8-Place, 7000rpm fixed speed, blue lid, 240v, 50Hz, EU plug	Each
GCM-G-EU	Mini Centrifuge, 8-Place, 7000rpm fixed speed, green lid, 240v, 50Hz, EU Plug	Each
GCM-R-EU	Mini Centrifuge, 8-Place, 7000rpm fixed speed, red lid, 240v, 50Hz, EU plug	Each
GCM-ROT	Rotor, 7000rpm, 8-Place for 1.5 and 2.0mL microcentrifuge tubes	Each
GCM-PCR	Rotor, 7000rpm, 4 x 8 Position for 0.2mL PCR tubes and strips	Each
GCM-AD2	Rotor Adapter for 0.2mL microcentrifuge tubes	8
GCM-AD5	Rotor Adapter for 0.5mL microcentrifuge tubes	8



Scan to see the
GCM in action!



Accommodates (6) 50mL Tubes

GTR-FS / FIXED SPEED SINGLE TIER TUBE ROCKER

Globe's GTR-FS fixed-speed tube rocker is the best decision for basic laboratory tube mixing applications. With its see-saw motion, a fixed speed of 24rpm and an angle of +/-25° it provides optimal mixing. The ridged platform pad design allows the operator to place any tube from 1.5mL to 50mL on the unit, turn the power switch on and walk away.

Features:

- Simple plug & play operation
- Ridge pad design for easy, stable tube placement
- Small size uses minimal bench space
- Accommodates tubes from 1.5mL to 50mL

Item #	Description	Unit
GTR-FS	Tube Rocker, single tier, 120v, 60Hz, US plug, 9.9" x 6.7" platform, 25rpm	Each
GTR-FS-UK-EU	Tube Rocker, single tier, 240v, 50Hz, UK & EU plugs, 9.9" x 6.7" platform, 25rpm	Each

Specifications:

Working area	252mm W x 170mm D (9.9in W x 6.7in D)
Maximum load	7lbs (3.2kg)
Maximum tilt angle	25°
Voltage	120v 60Hz or 240v 50Hz
Power	6W
Speed	24rpm fixed
Dimensions (WxDxH)	346x196x95mm (13.6 x 7.7 x 3.7in)
Weight	2.5kg / 5.5lbs
Operating temperature	5-50 °C
Permissible relative humidity	80%RH (non-condensing)
Warranty	2 Years

Scan to see the
GTR-FS in action!



Also ideal for a variety of additional tube sizes:



(12) 15mL Tubes



(24) 5mL Tubes



(12) Blood Collection Tubes
(5mL, 7mL, 10mL or 15mL)



(36) Microcentrifuge Tubes
(1.5mL or 2.0mL)



When a single platform isn't enough, choose the space-saving design of Globe Scientific's GTR-2-FS!



GTR-2-FS / FIXED SPEED TWO-TIER TUBE ROCKER

Globe's GTR-2-FS fixed-speed tube rocker takes the proven design of the GTR-FS single tier model and adds another tier for even more capacity. With its see-saw motion, a fixed speed of 24rpm and an angle of +/-25° it provides optimal mixing. The ridged platform pad design allows the operator to place any tube from 1.5mL to 50mL on either tier of the unit, turn the power switch on and walk away.

Features:

- Adds an additional platform tier for double the capacity
- Simple plug & play operation
- Ridge pad design for easy, stable tube placement
- Small size uses minimal bench space
- Accommodates tubes from 1.5mL to 50mL

- Accommodates:**
- (12) 50mL Tubes
 - (24) 15mL Tubes
 - (48) 5mL Tubes
 - (24) Blood Collection Tubes (5mL, 7mL, 10mL or 15mL)
 - (72) Microcentrifuge Tubes (1.5mL or 2.0mL)

Item #	Description	Unit
GTR-2-FS	Tube Rocker, double tier, 120v, 60Hz, US plug, 9.9" x 6.7" platforms, 25rpm	Each
GTR-2-FS-UK-EU	Tube Rocker, double tier, 240v, 50Hz, UK & EU plugs, 9.9" x 6.7" platforms, 25rpm	Each

Scan to see the GTR-FS-2 in action!



Specifications:

Working area (each tier)	252mm W x 170mm D (9.9in W x 6.7in D)
Maximum load	7lbs (3.2kg)
Maximum tilt angle	25°
Voltage	120v 60Hz or 240v 50Hz
Power	6W
Speed	24rpm fixed
Dimensions (WxDxH)	346×196×170mm (13.6 x 7.7 x 7in)
Weight	2.7kg / 6lbs
Operating temperature	5-50 °C
Permissible relative humidity	80%RH (non-condensing)
Warranty	2 Years

3-Dimensional Nutating Motion



GTR-3D / MULTI-DIRECTIONAL NUTATING TUBE ROCKER

The 3D nutating motion of the GTR-3D is ideal for gentle mixing. It is suitable for use in staining, DNA extraction and more. The fixed 20° tilt angle allows for a thorough mixing motion. Operation couldn't be easier: simply plug in and turn on. The included anti-slip, dimpled silicone mat accommodates a large variety of tubes.

Features:

- 3D Nutating motion for numerous methodologies
- 20rpm fixed speed
- 20° Fixed tilt angle
- Simple plug & play operation
- Low noise, long life motor and stable platform

Item #	Description	Unit
GTR-3D	Tube Rocker, 3D motion, 120v, 60Hz, US plug	Each
GTR-3D-UK	Tube Rocker, 3D motion, 240v, 50Hz, UK plug	Each
GTR-3D-EU	Tube Rocker, 3D motion, 240v, 50Hz, EU plug	Each

Specifications:

Working area (each tier)	240mm W x 170mm D (9.4in W x 6.7in D)
Maximum load	3.3lbs (1.5kg)
Tilt angle	20° fixed
Voltage	120v 60Hz or 240v 50Hz
Power	6W
Speed	20rpm fixed
Dimensions (WxDxH)	200×160×160mm (7.9 x 6.3 x 6.3in)
Weight	2.5kg / 5.5lbs
Operating temperature	5-50 °C
Permissible relative humidity	80%RH (non-condensing)
Warranty	2 Years

For a truly unique and robust mixing motion at a value, the GTRM-FS roller-mixer simply delivers!



GTRM-FS / VACUUM TUBE ROLLER-MIXER

The unique design of the Globe Scientific GTRM-FS roller-mixer combines the operation of a vacuum tube roller with a see-saw rocking platform to allow for the ultimate in homogeneity of your blood/urine tubes and other sample types. This combined motion also helps ensure higher culture yields. The GTRM-FS is compatible for use in cold rooms and non-CO² incubators. The rolling motion is a fixed 36rpm and the rocking motion is set at +/-11°.

Features:

- Unique roller with see-saw rocking motion
- Simple plug & play operation
- 5 Rollers allow for a variety of tube formats & volumes
- Small size uses minimal bench space

Item #	Description	Unit
GTRM-FS	Vacuum Tube Roller-Mixer, 120v, 60Hz, US plug, 36rpm, 11° rocking angle	Each
GTRM-FS-UK	Vacuum Tube Roller-Mixer, 240v, 50Hz, UK plug, 36rpm, 11° rocking angle	Each
GTRM-FS-EU	Vacuum Tube Roller-Mixer, 240v, 50Hz, EU plug, 36rpm, 11° rocking angle	Each

Specifications:

Roller length	230mm (9in)
Maximum load	1.8lbs (0.8kg)
Maximum tilt angle	11° fixed
Voltage	120v 60Hz or 240v 50Hz
Power	6W
Speed	36rpm fixed
Dimensions (WxDxH)	260×155×140mm (10.2 x 6.1 x 5.5in)
Weight	3kg / 6.6lbs
Operating temperature	5-50 °C
Permissible relative humidity	80%RH (non-condensing)
Warranty	2 Years



GTR-AVS / VARIABLE SPEED ANALOG TUBE ROLLER

The Globe Scientific GTR-AVS was designed for gently mixing a wide range of tubes, containers and bottles. The analog dial can be set anywhere between 10rpm and 70rpm. In addition to a rolling motion, the rollers are mounted slightly off-center to rise and fall in a “see-saw” fashion. These two motions ensure your samples are thoroughly mixed for optimal homogeneity. The six rollers can accommodate up to 8.8lbs or ten 15ml / 50ml centrifuge tubes.

Features:

- Speed range of 0-70rpm
- Six roller design for gentle sample agitation and ease of cleaning
- Cold room and incubator compatible
- DC brushless motor is quiet and maintenance free



The six roller configuration can accommodate up to ten 15mL or ten 50mL tubes and is compatible with a variety of other tube sizes

Item #	Description	Unit
GTR-AVS	Variable Speed Analog Tube Roller, 6 rollers, 120-240v, 50/60Hz, US, UK and EU plugs	Each

Specifications

Amplitude	24mm
Motor type	DC motor
Max. Load Capacity	4kg (8.8lbs)
Number of Rollers	6
Roller Size (Length)	280mm (11in)
Speed Range	0 -70rpm
Operation Mode	Continuous
Voltage	100-240V, 50/60Hz
Power	25W
Dimensions (WxDxH)	260 x 450 x 120mm (10.2 x 17.7 x 4.7in)
Weight	4.5kg (9.9lbs)
Operating Temperature	5° - 40°C
Permissible Relative Humidity	80% RH (non-condensing)
Protection Class	IP21
Warranty	2 Years



The GTR-AVS is powerful yet simple to operate: turn on power then set roller speed using the analog dial.



Scan to see the GTR-AVS in action!



GTR-DVS / VARIABLE SPEED DIGITAL TUBE ROLLER

The Globe Scientific GTR-DVS was designed for gently mixing a wide range of tubes, containers and bottles. The speed can be set digitally anywhere between 10rpm and 70rpm. In addition to a rolling motion, the rollers are mounted slightly off-center to rise and fall in a “see-saw” fashion. These two motions ensure your samples are thoroughly mixed for optimal homogeneity. The six rollers can accommodate up to 8.8lbs or ten 15ml / 50ml centrifuge tubes.

Features:

- LCD display of speed and time
- Speed range of 10-70rpm
- Six roller design for gentle sample agitation and ease of cleaning
- Continuous or timed operation
- Rolling motion with see-saw movement
- View both speed and time concurrently
- Cold room and incubator compatible
- DC brushless motor is quiet and maintenance free

Item #	Description	Unit
GTR-DVS	Variable Speed Digital Tube Roller, 6 rollers, 120-240v, 50/60Hz, US, UK and EU plugs	Each

Specifications

Amplitude	24mm
Motion	Rocking and rolling
Max. Load Capacity	4kg (8.8lbs)
Number of Rollers	6
Roller Size (Length)	280mm (11in)
Speed Range	10 -70rpm
Speed Display	LCD
Timer	Yes
Timer Display	LCD
Time Setting Range	1-1199min
Operation Mode	Continuous or timed
Voltage	100-240V, 50/60Hz
Power	30W
Dimensions (WxDxH)	260 x 450 x 120mm (10.2 x 17.7 x 4.7in)
Weight	5.1kg (11.2lbs)
Operating Temperature	5° - 40°C
Permissible Relative Humidity	80% RH (non-condensing)
Protection Class	IP21
Warranty	2 Years

The GTR-DVS can accurately set time and speed using the simple parameter adjustment knob and digital display



Scan to see the GTR-DVS in action!



GTR-HA / ANALOG TUBE ROTATOR

The GTR-HA Tube Rotator provides slow to vigorous mixing of your biological samples and solutions in a simple, lightweight and easy to use design. Simply turn on the power and adjust the speed using the analog dial for your desired level of mixing. The unit includes a rotisserie-style stainless steel platen and interchangeable tube holder clips for 1.5mL/2.0mL, 15mL and 50mL tubes.

Features:

- End over end motion/agitation
- Provides gentle and effective mixing of biological samples
- Adjustable speed range from 0 to 80rpm
- Unit includes an assortment of twelve 15mL, twelve 50mL and thirty-six 1.5mL/2.0mL tube holder clips
- Cold room friendly
- Simple, robust design for years of worry-free operation

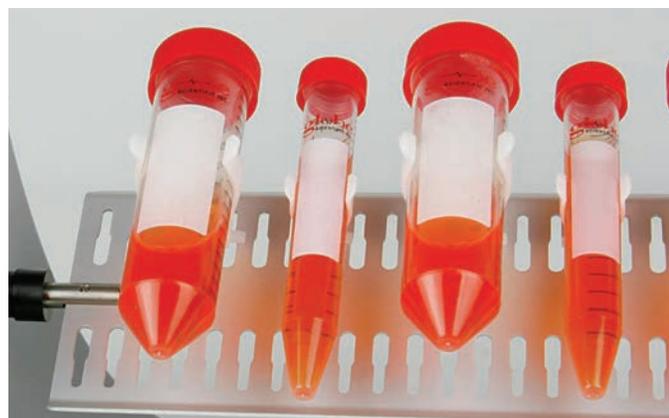


1.5/2.0mL, 15mL and 50mL tube clips are included and can be mixed and matched on the rotisserie tube holder



Simple analog dial for easy speed adjustment

Item #	Description	Unit
GTR-HA	Analog Tube Rotator, adjustable speed, 120-240v, 50/60Hz, (Includes 36 each 1.5mL/2.0mL, 12 each 15mL and 12 each 50mL Tube Holder Clips)	Each
GTR-HA-1.5	Tube Holder Clips for 1.5mL/2.0mL microcentrifuge tubes	12
GTR-HA-15	Tube Holder Clips for 15mL centrifuge tubes	12
GTR-HA-50	Tube Holder Clips for 50mL centrifuge tubes	12



Tube clips are easily changed by sliding into the channels on the rotisserie tube rack

Specifications

Tube Capacity	Forty-eight 1.5mL tubes, sixteen 15mL tubes or eight 50mL tubes
Speed Range	0 - 80rpm
Operation Mode	Continuous
Voltage	100-240V, 50/60Hz
Power	20W
Dimensions (WxDxH)	300 x 220 x 310mm (11.8 x 8.7 x 12.2in)
Weight	2.7kg (6.0lbs)
Operating Temperature	5° - 40°C
Permissible Relative Humidity	80% RH (non-condensing)
Protection Class	IP21
Warranty	2 Years



Scan to see the GTR-HD in action!



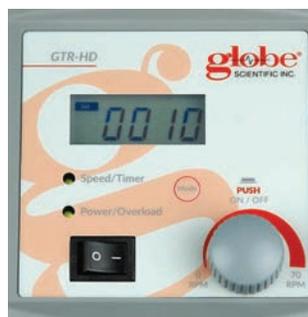
GTR-HD / DIGITAL TUBE ROTATOR

The GTR-HD Tube Rotator provides slow to vigorous mixing of your biological samples and solutions with advanced features you expect. Adjusting the speed and time are easily performed using the parameter adjustment knob on the front panel.

A metal chassis and rotisserie-style tube holders provide a solid, robust design for years of worry-free mixing. Swapping the included 50ml vertical holder is a breeze: lift the retention lever on the left, angle the main housing on the right and lift out — replacing would be the opposite process. Both vertical (“end over end” mixing) and horizontal (“rolling” mixing) tube holders are available for 1.5mL/2.0mL, 15mL and 50mL tubes.

Features:

- Heavy-duty metal chassis and tube holder/rotisserie accessories
- Digital adjustment of speed and time
- LCD display
- Speed range from 10 to 70rpm
- A wide variety of accessories are available
- Cold room friendly
- Maintenance-free brushless DC motor



The digital display of the GTR-HD can be easily and accurately set using the parameter adjustment knob



Included tube holder accommodates (16) 50mL tubes with additional size and position holders available

Item #	Description	Unit
GTR-HD	Digital Tube Rotator, horizontal, adjustable speed and angle, 120-240v, 50-60Hz, (Includes 16-place tube holder for 50mL tubes)	Each
GTR-HD-1.5H	Tube Holder, 48 horizontal places for 1.5mL microcentrifuge tubes	Each
GTR-HD-15H	Tube Holder, 48 horizontal places for 15mL centrifuge tubes	Each
GTR-HD-50H	Tube Holder, 24 horizontal places for 50mL centrifuge tubes	Each
GTR-HD-1.5V	Tube Holder, 32 Vertical places for 1.5mL microcentrifuge tubes	Each
GTR-HD-15V	Tube Holder, 16 vertical places for 15mL microcentrifuge tubes	Each
GTR-HD-50V	Tube Holder, 16 vertical places for 50mL microcentrifuge tubes	Each

Specifications

Tube Capacity	Forty-eight 1.5mL/2.0mL tubes, twenty-four 15mL tubes or twenty-four 50mL tubes
Speed Display	LCD
Timer Display	LCD
Timer	1-1199min
Speed Range	10 -70rpm
Operation Mode	Continuous or timed
Voltage	100-240V, 50/60Hz
Power	40W
Dimensions (WxDxH)	510 x 220 x 260mm (20.1 x 8.7 x 10.2in)
Weight	4.5kg (10lbs)
Operating Temperature	5° - 40°C
Permissible Relative Humidity	80% RH (non-condensing)
Protection Class	IP21
Warranty	2 Years



GTR-IA / ANALOG TUBE ROTATOR

The GTR-IA Tube Rotator packs a lot of value in a simple, easy to use package. With a 'Ferris Wheel' disk design and analog speed control, operation and setup can be completed in minutes the very first time and every time. The fixed angle disk utilizes clips to hold 1.5/2.0mL, 15mL and 50mL tubes. The clips are included with each unit and additional clips are also available for separate purchase.

Features:

- Small but stable design uses minimal bench space
- Analog adjustment of speed from 0 to 80rpm
- Fixed angle for end-over-end mixing
- Includes tube clips for 1.5/2.0mL, 15mL and 50mL tubes
- Cold room friendly



Item #	Description	Unit
GTR-IA	Industrial Tube Rotator, analog, variable speed, fixed angle, 120-240v, 50/60Hz, (Includes:Configurable Disk with Tube Holder Clips, 12 each 1.5/2.0mL, 12 each 15mL and 12 each 50mL)	Each
GTR-IA-1.5	Tube Holder Clips, 12 each, for 1.5mL microcentrifuge tubes	Bag/12 Each
GTR-IA-15	Tube Holder Clips, 12 each, for 15mL centrifuge tubes	Bag/12 Each
GTR-IA-50	Tube Holder Clips, 12 each, for 50mL centrifuge tubes	Bag/12 Each



Simple analog dial for easy speed adjustment



Tube clips are included for 1.5/2.0mL, 15mL and 50mL tubes

Specifications

Motor type	DC motor
Speed range	0-80rpm
Tube capacity	Forty-eight 1.5mL/2.0mL tubes or sixteen 15mL tubes or eight 50mL tubes
Operation mode	Continuous
Voltage	100-240V, 50/60Hz
Power	20W
Dimensions [D×W×H]	300 × 220 × 310mm (11.8 x 8.7 x 12.2in)
Operating Temperature	5° - 40° C
Permissible Relative Humidity	80% RH (non-condensing)
Protection Class	IP21
Warranty	2 Years

GTR-ID / INDUSTRIAL TUBE ROTATOR

The GTR-ID Tube Rotator efficiently mixes your biological samples and solutions using the included 50ml tube holder disk or the optional 1.5mL/2.0mL and 15mL disks. An industrial-style metal housing with tilt adjustment ensures a lifetime of worry-free operation. Consistent tilt adjustment is performed by referring to the graduated angle scale, which is printed directly on the unit housing.

The unit housing, tube holder disks and tube clamps are metal, alleviating the breaking of plastic holders and clamps seen in models from other manufacturers. Optional disk stacking rods allow up to two tube disk holders to be used simultaneously for increased productivity.

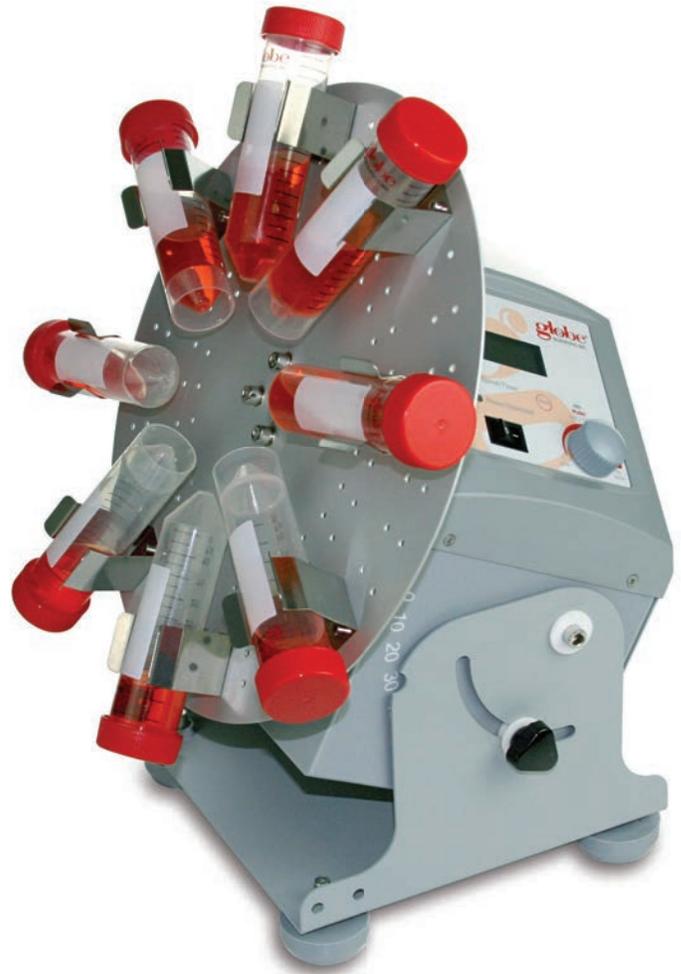
Features:

- Heavy-duty metal chassis and tube holders/disk accessories
- Digital adjustment of speed and time
- LCD display
- Speed range from 10 to 70rpm
- Full adjustment of mixing action from end over end or rolling
- Adjustable mixing angle from 0° to 90°
- A wide variety of accessories are available
- Cold room friendly
- Can stack up to two tube holders/disks for additional capacity

Item #	Description	Unit
GTR-ID	Industrial Tube Rotator, Digital, variable speed and angle, 120-240v, 50/60Hz, (Includes: 8-place disk for 50mL tubes)	Each
GTR-ID-1.5	Tube Holder Disk, 60-place, for 1.5mL microcentrifuge tubes	Each
GTR-ID-15	Tube Holder Disk, 16-place, for 15mL centrifuge tubes	Each
GTR-ID-50	Tube Holder Disk, 8-place, for 50mL centrifuge tubes	Each
GTR-ID-RODS	Tube Holder Disk Stacking Rods (allows use of 2 GTR-ID Tube Holder Disks at once)	4

Specifications

Tilt Angle	0° - 90°
Speed Range	10 - 70rpm
Speed Display	LCD
Timer Display	LCD
Timer	1-1199min
Operation Mode	Continuous or timed
Motor Type	DC motor
Voltage	100-240V, 50/60Hz
Power	40W
Dimensions (WxDxH)	280 x 210 x 300mm (11.0 x 8.3 x 11.8in)
Weight	4.5kg (10lbs)
Operating Temperature	5° - 40° C
Permissible Relative Humidity	80% RH (non-condensing)
Protection Class	IP21
Warranty	2 Years



Digital display of the GTR-ID can be accurately set using the parameter adjustment knob



Robust stainless steel tube holder disks for years of trouble free use



Scan to see the GTR-ID in action!



For the best vortex mixer and wide versatility, choose the Globe Scientific GVM-AS!

For simple, reliable vortex mixing, choose the GVM-FS!

GVM-AS / VARIABLE SPEED VORTEX MIXER

The GVM-AS Variable Speed Vortex Mixer is the best choice for vortex mixing in your lab. Speed adjustment between 100-2500rpm is as easy as rotating the analog dial. A slight press on the top cup quickly and efficiently vortexes virtually any tube. Continuous run function and available adapters allow for simultaneous mixing of multiple samples. A heavy-duty cast aluminum base and suction cup feet make the GVM-AS extremely stable despite its compact footprint.

Features:

- Touch operation or continuous mode
- Variable speed control from 0 to 2500rpm
- Suitable for various tube types and mixing applications with optional adapters
- Specially designed vacuum suction feet for stability
- Robust cast aluminum construction
- Small footprint
- Rubber suction feet ensure placement and mitigate vibration
- Wide variety of accessories for virtually every tube used in your lab
- Spill resistant chassis



Scan to see the GVM-AS in action!

Item #	Description	Unit
GVM-AS	Variable Speed Vortex Mixer, 120v, 60Hz, US plug	Each
GVM-AS-UK	Variable Speed Vortex Mixer, 230v, 50Hz, UK plug	Each
GVM-AS-EU	Variable Speed Vortex Mixer, 230v, 50Hz, EU plug	Each

GVM-FS / FIXED SPEED VORTEX MIXER

The GVM-FS has a fixed speed of 2500rpm. The small 4mm orbit of the GVM-FS creates a 'vibratory' motion that quickly ensures homogeneity of your samples. With a slight press on the top cup, you can quickly and efficiently vortex virtually any tube. For mixing a larger number of tubes, you can choose constant run and select from a number of compatible accessories preferred for your specific tube format or method. The GVM-FS has a small footprint yet is extremely stable due to its cast aluminum base and available suction cup feet.

Features:

- Touch operation or continuous mode
- Fixed speed control of 2500rpm
- Used for various mixing applications with optional adapters
- Specially designed available vacuum suction feet for body stability
- Robust aluminum-cast construction
- Small footprint yet extremely stable
- Rubber suction feet ensure placement and mitigate vibration
- Wide variety of accessories for virtually every tube used in your lab
- Spill resistant chassis

Item #	Description	Unit
GVM-FS	Fixed Speed Vortex Mixer, 120v, 60Hz, US plug	Each
GVM-FS-UK	Fixed Speed Vortex Mixer, 230v, 50Hz, UK plug	Each
GVM-FS-EU	Fixed Speed Vortex Mixer, 230v, 50Hz, EU plug	Each

ACCESSORIES FOR GVM-AS AND GVM-FS VORTEX MIXERS



GVM-AS-CUP — Replacement cup



GVM-AS-ADAPT48 — 48 place foam tube adapter for 6mm tubes



GVM-AS-ADAPT15 — 15 place foam tube adapter for 10mm tubes



GVM-AS-ADAPT12 — 12 place foam tube adapter for 12mm tubes



GVM-AS-ADAPT8-16 — 8 place foam tube adapter for 16mm tubes



GVM-AS-ADAPT8-20 — 8 place foam tube adapter for 20mm tubes



GVM-AS-PAD — Dimpled platform pad



GVM-AS-PLATE — Universal top plate for use with foam tube adapters and dimpled platform pad



GVM-AS-FOOT — Rubber replacement suction foot with screw

For basic vortexing in a small package, see the GVM-MINI on the next page . . .

Item #	Description	Unit
GVM-AS-CUP	Tube Replacement Cup, rubber (for tubes and vessels with a diameter less than 30mm)	Each
GVM-AS-ROD	Tube Holding Rod for foam tube adapters	Each
GVM-AS-PLATE	Top Plate, round, universal, 100mm (to be used with all Foam Tube Adapters)	Each
GVM-AS-ADAPT48	Tube Adapter, foam, 48-place, for 6mm tubes (Must use with Top Plate GVM-AS-PLATE)	Each
GVM-AS-ADAPT15	Tube Adapter, foam, 15-place, for 10mm tubes (Must use with Top Plate GVM-AS-PLATE)	Each
GVM-AS-ADAPT12	Tube Adapter, foam, 12-place, for 12mm tubes (Must use with Top Plate GVM-AS-PLATE)	Each
GVM-AS-ADAPT8-16	Tube Adapter, foam, 8-place, for 16mm tubes (Must use with Top Plate GVM-AS-PLATE)	Each
GVM-AS-ADAPT8-20	Tube Adapter, foam, 8-place, for 20mm tubes (Must use with Top Plate GVM-AS-PLATE)	Each
GVM-AS-PAD	Platform Dimpled Pad, 99mm diameter (Must use with Top Plate GVM-AS-PLATE)	Each
GVM-AS-FOOT	Rubber Vacuum Suction Foot with screw	4

Specifications for GVM-AS and GVM-FS

Voltage	110-120V/220-230V, 50/60Hz
Power	60W
Mixing Motion	Orbital
Orbital Diameter	4mm
Motor Type	Shaded pole motor
Motor Rating Input	58W
Motor Rating Output	10W
Speed (GVM-FS)	2500rpm (fixed)
Speed Range (GVM-AS)	0-2500rpm
Speed Display (GVM-AS)	Scale
Run Type	Touch operation or continuous
Dimensions (WxDxH)	127 x 130 x 160mm (5 x 5.1 x 6.3in)
Weight	3.5kg (7.7lbs)
Operating Temperature	5° - 40°C
Permissible Relative Humidity	80%RH (non-condensing)
Protection Class	IP21
Warranty	2 Years



For simple, robust stirring, choose the Globe Scientific GSF!

GVM-MINI / FIXED SPEED VORTEX MIXER

When looking for a basic, fixed speed vortex mixer with a small footprint for your limited bench space, look no further than the Globe Scientific GVM-MINI! Despite its small size, the GVM-MINI has a wide, stable base to remain in place when in use. When you press your tube down on the top cup, the 3000rpm and small 4.8mm orbit create a 'vibratory' motion to quickly and effectively mix most tube sizes.

Features:

- Touch operation
- Fixed speed control of 3000rpm
- Used for mixing various tube sizes and formats
- Small footprint yet extremely stable
- Rubber suction feet ensure placement and mitigate vibration
- Spill resistant chassis

Item #	Description	Unit
GVM-MINI	Vortex Mixer, Mini, fixed speed, 120v, 60Hz, US plug	Each
GVM-MINI-UK	Vortex Mixer, Mini, fixed speed, 240v, 50Hz, UK plug	Each
GVM-MINI-EU	Vortex Mixer, Mini, fixed speed, 240v, 50Hz, EU plug	Each

Specifications	
Voltage	100-240V,50/60Hz
Power	12W
Mixing motion	Orbital
Orbital diameter	4.8mm
Motor rating output	10W
Speed	3000rpm (fixed)
Run type	Touch operation or Continuous
Dimensions (WxDxH)	133x133x80mm (5.2 x 5.2 x 3.1in)
Weight	0.6kg / 1.3lbs
Operating Temperature	5 to 40°C
Permissible relative humidity	80%RH (non-condensing)
Warranty	2 Years

GSF / LOW PROFILE MAGNETIC STIRRER

The GSF Low Profile Magnetic Stirrer is an ideal choice for most basic stirring applications. With a height of only 15mm (0.6 inches), the GSF can be stored virtually anywhere and is easily transported. An automated reverse motion setting provides additional agitation as needed.

Features:

- Single direction (stir) and auto-reverse (mix) functionality
- Variable speed range from 15 to 1000rpm
- Used for various mixing applications
- Includes all power adaptors (universal voltage)
- PET surface for high chemical resistance
- Virtually silent operation
- cTUVus approved for UL and CSA
- Spill resistant chassis



Scan to see the GSF in action!

Item #	Description	Unit
GSF	Magnetic Stirrer, 100-240v, 50/60Hz, with US, UK and EU plugs	Each

Specifications	
Working Area	90mm (3.5 inches)
Maximum Volume	0.8L (H2O)
Magnetic Bar Length	40mm (1.6 inches)
Voltage	110-120V/220-230V, 50/60Hz
Motor Output Power	3W
Power	5W
Motor Type	Motorless
Speed Range	15 - 1000rpm
Spill Protection	IP65
Dimensions (WxDxH)	175 x 120 x 15mm (6.9 x 4.7 x 0.6in)
Weight	0.3kg (0.7lbs)
Operating Temperature	5° - 40° C
Permissible Relative Humidity	80% RH (non-condensing)
Warranty	2 Years



GSE / GENERAL PURPOSE MAGNETIC STIRRER

The GSE Magnetic Stirrer from Globe Scientific is an excellent choice for most basic stirring applications. The unit comes with integrated retort stand to hold electrochemistry probes, temperature probes and more. A spill-resistant chassis and universal voltage adapters are included.

Features:

- Universal voltage with included adapters
- Simple analog dial operation
- Used for various mixing applications
- PET surface for high chemical resistance
- Virtually silent operation & vibration-free
- Spill resistant chassis



Scan to see the GSE in action!

Item #	Description	Unit
GSE	Magnetic Stirrer, 100-240v, 50/60Hz, with US, UK and EU plugs and retort stand	Each

Specifications

Working Area	120mm (4.7 inches)
Maximum Volume	1.5L (H ₂ O)
Magnetic Bar Length	40mm (1.6 inches)
Voltage	110-120V/220-230V, 50/60Hz
Motor Output Power	1.2W
Power	7.2W
Motor Type	Brushless DC motor
Speed Range	300 - 2000rpm
Spill Protection	IP21
Dimensions (WxDxH)	150 x 145 x 50mm (5.9 x 5.7 x 2.0 in)
Weight	0.3kg (0.7lbs)
Operating Temperature	5° - 40°C
Permissible Relative Humidity	80% RH (non-condensing)
Warranty	2 Years

Brighten up your workspace!

The GSE-S includes four scientific overlays for the stirring surface to personalize the look of your stirrer.



GSE-S / SQUARE MAGNETIC STIRRER

The GSE-S Magnetic Stirrer by Globe Scientific is a basic compact and lightweight square stirrer for routine stirring applications. The stirrer is designed with a holder and clamp for a pH electrode or other sensors. The strong magnetic coupling to ensure consistent stirring of up to 1.5 liters of water.

Features:

- Universal voltage with included adapters
- Simple analog dial operation with speed range of 300-2000 rpm
- Virtually silent operation with a maintenance-free brushless DC motor
- PET surface for high chemical resistance
- Spill resistant chassis

Item #	Description	Unit
GSE-S	Magnetic Stirrer, square, with custom labels, 100-240v, 50/60Hz, with US, UK and EU plugs, 300-2000rpm, retort stand, PET surface	Each

Specifications

Working Area	120 x 115mm (4.7 x 4.5inches)
Maximum Volume	1.5L (H ₂ O)
Magnetic Bar Length	40mm (1.6 inches)
Voltage	DC12V, 100-240V,50/60Hz
Motor Output Power	1.2W
Power	7.2W
Motor Type	Brushless DC motor
Speed Range	300 - 2000rpm
Spill Protection	IP21
Dimensions (WxDxH)	150 x 144 x 54mm (5.9 x 5.7 x 2.1inches)
Weight	0.3kg (0.7lbs)
Operating Temperature	5° - 40° C
Permissible Relative Humidity	80% RH (non-condensing)
Warranty	2 Years



GHS-380 SERIES HOTPLATES, MAGNETIC STIRRERS & MAGNETIC STIRRER HOTPLATES

The GHS-380 group of Hotplates, Magnetic Stirrers and Magnetic Stirrer Hotplates are reliable and easy to use. The low profile and small footprint save valuable workspace. The chemical resistant ceramic-coated 5.5-inch square work surface is easy to clean and ensures years of service.

Selecting the heat temperature and stirring speed is extremely intuitive with a digital LCD display and control knobs. A microprocessor-controlled circuit ensures accurate, stable control of heating and stirring.

The Magnetic Stirrer and Hotplate Magnetic Stirrer models provide strong magnetic coupling for powerful mixing that is enabled by a maintenance free brushless DC motor. The stirrers can mix up to 5 liters of water, which allows for excellent homogeneity of solutions.

The Hotplate and Hotplate Magnetic Stirrer models include a powerful 500-watt heater that provides temperatures up to 380°C. For ultimate accurate temperature control within 0.5°C, an optional PT1000 sensor and retort stand are available for measuring temperatures directly in the vessel. Over temperature protection is added should temperatures reach 420°C.



GHS-380HS
Hotplate Stirrer

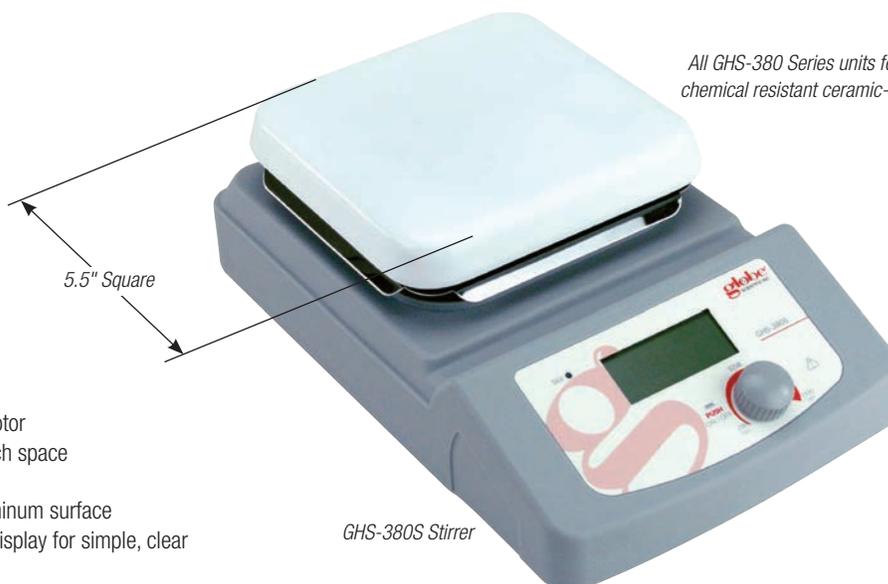
Item #	Description	Unit
GHS-380HS	Hotplate Stirrer, digital, 380°C max. temp., 5.5" x 5.5" ceramic coated top plate, 100-120v, 50-60Hz	Each
GHS-380HS-UK-EU	Hotplate Stirrer, digital, 380°C max. temp., 5.5" x 5.5" ceramic coated top plate, 200-240v 50-60Hz	Each
GHS-380H	Hotplate, digital, 380°C max. temp., 5.5" x 5.5" ceramic coated top plate, 100-120v, 50-60Hz	Each
GHS-380H-UK-EU	Hotplate, digital, 380°C max. temp., 5.5" x 5.5" ceramic coated top plate, 200-240v 50-60Hz	Each
GHS-380S	Stirrer, digital, 5.5" x 5.5" ceramic coated top plate, 100-240v, 50-60Hz	Each
GHS-STDSM	Sensor support stand and clamp, small, for use with GHS-380 models	Each
GHS-S230	Temperature sensor, 230mm length, for use with GHS models with heat	Each
GHS-S230G	Temperature sensor, 230mm length, glass coated, for use with GHS models with heat	Each



GHS-380HS
Hotplate Stirrer shown with
optional temperature sensor
and support stand.

Magnetic Stirrers/Hotplates

All GHS-380 Series units feature a 5.5" square, chemical resistant ceramic-coated work surface.



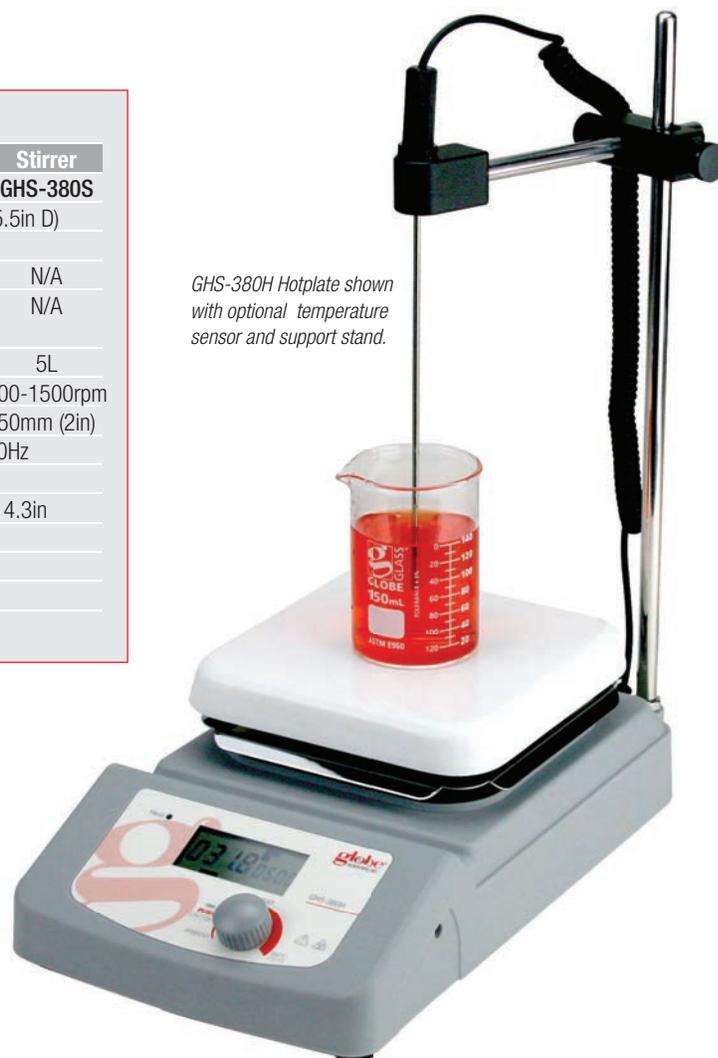
GHS-380S Stirrer

Features:

- Simple, intuitive operation
- Maintenance-free brushless DC motor
- Small footprint saves valuable bench space
- Powerful 500W heater
- Easy-to-clean ceramic coated aluminum surface
- Easy-to-read high resolution LCD display for simple, clear control
- Powerful magnetic coupling for stirring up to 5L of water
- Optional external temperature sensor control

Specifications

Unit Type	Hotplate Stirrer	Hotplate	Stirrer
Model	GHS-380HS	GHS-380H	GHS-380S
Working Surface Area	140mm W x 140mm D (5.5in W x 5.5in D)		
Working Surface Material	Ceramic-Coated Aluminum		
Heating Power	500W	500W	N/A
Temperature Range	Ambient +5°C to 380°C	Ambient +5°C to 380°C	N/A
Maximum Stir Volume	5L	N/A	5L
Stirring Speed Range	200-1500rpm	N/A	200-1500rpm
Stir Bar Length	50mm (2in)	N/A	50mm (2in)
Voltage	100-120v 60Hz or 200-240v 50Hz		
Power	510W		
Dimension (WxDxH)	320x180x108mm / 12.6 x 7.1 x 4.3in		
Weight	2.2kg / 4.9lbs		
Operating Temperature	5-40°C		
Permissible Relative Humidity	80%RH (non-condensing)		
Warranty	2 Years		



GHS-380H Hotplate shown with optional temperature sensor and support stand.



GHS-550 / SERIES HOTPLATES, MAGNETIC STIRRERS & MAGNETIC STIRRER HOTPLATES

The GHS-550 group of Hotplates, Magnetic Stirrers and Magnetic Stirrer Hotplates offer safety and precision for laboratory heating and mixing applications. The compact and low-profile design saves valuable benchtop space and a 7-inch chemical resistant glass ceramic working surface ensures years of service and easy cleanup.

Setting the heat and stirring speed is extremely intuitive with an LED display and control knobs. A microprocessor-controlled circuit provides accurate, stable control of heating and stirring.

The GHS-550HSP model replaces the LED with an LCD display for precise monitoring of speed and temperature. This hot plate magnetic stirrer also includes built-in PID temperature control heating with overheating protection. An RS232 port offers functionality for remote communication, PC control and data transmission (software not included).

The Magnetic Stirrer and Hotplate Magnetic Stirrer provide a strong magnetic coupling for powerful mixing that is enabled by the maintenance free brushless DC motor. The stirrers can mix up to 10 liters of water (GHS-550HS, GHS-550S) or 20 liters of water (GHS-550HSP), which allows for excellent homogeneity of your solution.

The Hotplate and Hotplate Magnetic Stirrer models feature a powerful 1000-watt heater that provides temperatures up to 550°C. To gain even more accurate temperature control within 0.2°C, an optional PT1000 sensor and retort stand are available to measure directly in the vessel. A "hot" warning will flash if the work plate temperature is above 50°C. Overtemperature protection is included should temperatures reach 580°C.

Features:

- Simple, intuitive operation
- Maintenance-free brushless DC motor
- Small footprint saves valuable bench space
- Powerful 1000W heater
- Easy-to-clean glass ceramic surface
- Easy-to-read LCD or LED display for simple, clear control
- Powerful magnetic coupling for stirring up to 20L of water
- Optional external temperature sensor control



GHS-550HSP
Hotplate Stirrer

RS232 port (GHS-550HSP only) offers functionality for remote communication, PC control and data transmission.



GHS-550HS
Hotplate Stirrer

All GHS-550 Series units feature a 7" square, chemical resistant glass ceramic work surface.

Item #	Description	Unit
GHS-550HSP	Hotplate Stirrer, digital, 550°C max. temp., 7" x 7" glass ceramic top plate, RS232 port, 100-120v 50-60Hz	Each
GHS-550HSP-UK-EU	Hotplate Stirrer, digital, 550°C max. temp., 7" x 7" glass ceramic top plate, RS232 port, 200-240v 50-60Hz	Each
GHS-550HS	Hotplate Stirrer, digital, 550°C max. temp., 7" x 7" glass ceramic top plate, 100-120v 50-60Hz	Each
GHS-550HS-UK-EU	Hotplate Stirrer, digital, 550°C max. temp., 7" x 7" glass ceramic top plate, 200-240v 50-60Hz	Each
GHS-550H	Hotplate, digital, 550°C max. temp., 7" x 7" glass ceramic top plate, 100-120v 50-60Hz	Each
GHS-550H-UK-EU	Hotplate, digital, 550°C max. temp., 7" x 7" glass ceramic top plate, 200-240v 50-60Hz	Each
GHS-550S	Stirrer, analog, 7" x 7" glass ceramic top plate, 100-120v 50-60Hz	Each
GHS-550S-UK-EU	Stirrer, analog, 7" x 7" glass ceramic top plate, 200-240v 50-60Hz	Each
GHS-STD	Sensor support stand and clamp, for use with GHS-550 models	Each
GHS-S230	Temperature sensor, 230mm length, for use with GHS models with heat	Each
GHS-S230G	Temperature sensor, 230mm length, glass coated, for use with GHS models with heat	Each

Magnetic Stirrers/Hotplates

*GHS-550HSP
Hotplate Stirrer shown with
optional temperature sensor
and support stand.*



*GHS-550H Hotplate
shown with optional
temperature sensor and
support stand.*



GHS-550S Stirrer

Specifications

Unit Type	Hotplate Stirrer	Hotplate Stirrer	Hotplate	Stirrer
Model	GHS-550HSP	GHS-550HS	GHS-550H	GHS-550S
Display Type	LCD	LED	LED	N/A
Work Surface Area	184mm W x 184mm D (7in W x 7in D)			
Work Surface Material	Glass Ceramic			
Heating Power	1000W	1000W	1000W	N/A
Temperature Range	Ambient +5°C to 550°C	Ambient +5°C to 550°C	Ambient +5°C to 550°C	N/A
Temperature Accuracy	±1 °C (<100°C) ±1%(>100°C)	±10°C	±10°C	N/A
Maximum Stir Volume	20L	10L	N/A	10L
Stirring Speed Range	100-1500rpm	0-1500rpm	N/A	0-1500rpm
Stir Bar Length	80mm (3.15in)	80mm (3.15in)	N/A	80mm (3.15in)
RS232 port	Yes	No	No	No
Voltage	100-120v 60Hz or 200-240v 50Hz			
Power	1050W	1030W	1010W	30W
Dimension (WxDxH)	215×360×108mm / 8.5 x 14.2 x 4.3in			
Weight	5.3kg/11.7lbs	4.5kg/9.9lbs	4.5kg/9.9lbs	3.8kg/8.4lbs
Operating Temperature	5-40°C			
Permissible Relative Humidity	80%RH (non-condensing)			
Warranty	2 Years			



GBB-SERIES / GBBH-SERIES PORTABLE PRECISION BALANCES

GBB and GBBH Series Balances offer simple, reliable weighing operation in an economical, compact, portable platform.

A backlit LCD screen, stainless steel weigh pan, and a rugged housing mean these balances are built to endure all sorts of challenges from industrial use to educational labs.



GBB Basic Balance

Features:

- **Portability:** GBB and GBBH Series balances come with a 9V AC power supply, or insert six AA batteries (not included) for location independent weighing.
- **Simple Operation:** With only four dedicated keys, these balances are ideal for quick, convenient weighing applications.
- **Versatility:** Compact form factor, portability, and readability as low as 0.001 g means that the balances can fill various roles in all types of dynamic laboratories.
- **Premium Build Quality:** GBB and GBBH Series balances come with stainless steel weigh pans, and a housing that is designed to endure the most challenging environments from teaching labs to industrial use.
- **Economical:** When operating on a limited budget, GBB and GBBH Series balances offer accuracy and reliability at an incredible value.
- **5-Year Replacement Guarantee:** Long term support enables you to purchase with confidence.**

Specifications & Ordering Information

Item #	GBB-123	GBB-502	GBB-1501	GBB-3001	GBB-6000
Item # (with Cal. Cert.)*	GBB-123-CT	GBB-502-CT	GBB-1501-CT	GBB-3001-CT	GBB-6000-CT
Maximum capacity	120 g	500 g	1500 g	3000 g	6000 g
Readability	0.001 g	0.01 g	0.05 g	0.1 g	1 g
Linearity	0.003 g	0.02 g	0.1 g	0.2 g	2 g
Repeatability	0.001 g	0.01 g	0.05 g	0.1 g	1 g
Calibration Type	External				
Stabilization time	3 s		3 s		
Pan Size	90 mm		145 x 145 mm		
Device Dimensions	225 x 177 x 70 mm		225 x 177 x 157 mm		

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.



GBBH-10001



GBBH-3002

Specifications & Ordering Information

Item #	GBBH-1002	GBBH-3002	GBBH-3001	GBBH-6001	GBBH-10001	GBBH-20001
Item # (with Cal. Cert.)*	GBBH-1002-CT	GBBH-3002-CT	GBBH-3001-CT	GBBH-6001-CT	GBBH-10001-CT	GBBH-20001-CT
Maximum Capacity	1000 g	3000 g	3000 g	6000 g	10000 g	20000 g
Readability	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g	0.1 g
Linearity	0.02 g	0.03 g	0.2 g	0.2 g	0.2 g	0.2 g
Repeatability	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g	0.1 g
Calibration Type	External					
Stabilization Time	3 s	3 s	2 s	2 s	2 s	3 s
Pan Size	135 x 120 mm				200x215 mm	
Device Dimensions	258 x 188 x 82 mm				330 x 215 x 90 mm	

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

**Visit www.globescientific.com for full guarantee details.



GBP-SERIES / GBPH-SERIES PORTABLE PRECISION BALANCES

The GBP and GBPH Series Precision Portable Balances offer fast and accurate mass determination, with an internal battery allowing for location independent operation.

These balances have a digital LCD screen, onboard processing, and databases capable of storing up to 100,000 weighings, ensuring unparalleled traceability.

With RS232, USB-A, and USB-B connectivity, GBP and GBPH Series balances are well suited to data export, and process integration.

The GBP and GBPH Series balances combine reliability, portability, and a compact form-factor, all backed by the Globe Scientific 5-Year Guarantee.

Features:

- **Portability:** A powerful, internal, rechargeable battery allows for up to 15 hours operating in the field, or seamlessly moving from lab-to-lab. GBP and GBPH Series balances come standard with automatic shut-off and a low battery indicator.
- **Application Modes:** Optimize the performance of your balance with percent weighing, parts counting, peak hold, and GLP procedures. Easily switch between weighing modes depending on your needs.
- **Versatility:** Compact form factor, portability, and readability as low as 0.001 g means that GBP and GBPH Series balances can fill various roles in all types of dynamic laboratories.
- **Premium Build Quality:** These balances come with stainless steel weigh pans, and a housing that is designed to endure the most challenging environments from teaching labs to industrial use.
- **Onboard Memory and Processing:** Store up to 100,000 measurements, including measurement date, time, result (mass), and tare value.
- **5-Year Replacement Guarantee:** Long term support enables you to purchase with confidence.

**Visit www.globescientific.com for full details.



GPB-203



GPB-602, GPB-2002, GPB-3101

Specifications & Ordering Information

Item #	GBP-203	GBP-602	GBP-2002	GBP-3101
Item # (with Cal. Cert.)*	GBP-203-CT	GBP-602-CT	GBP-2002-CT	GBP-3101-CT
Maximum Capacity	200 g	600 g	2000 g	3100 g
Readability	0.001 g	0.01 g	0.01 g	0.1 g
Linearity	±0.004 g	±0.02 g	±0.03 g	±0.3 g
Repeatability	0.002 g	0.01 g	0.01 g	0.1 g
Calibration Type	external		external	
Stabilization Time	2 s		2 s	
Pan Size	ø100 mm		128 × 128 mm	
Device Dimensions		260 x 160 x 68 mm		
Ports		2×RS232, USB-A, USB-B		

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.



GBPH-Series



Specifications & Ordering Information

Item #	GBPH-1002	GBPH-2002	GBPH-6001	GBPH-10001	GBPH-20001
Item # (with Cal. Cert.)*	GBPH-1002-CT	GBPH-2002-CT	GBPH-6001-CT	GBPH-10001-CT	GBPH-20001-CT
Maximum Capacity	1 kg	2 kg	6 kg	10 kg	20 kg
Readability	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g
Linearity	±0.03 g	±0.03 g	±0.2 g	±0.3 g	±0.3 g
Repeatability	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g
Calibration Type	external				
Stabilization Time	3 s				
Pan Size	195 × 195 mm				
Device Dimensions	333 x 206 x 97 mm				
Ports	2×RS232, USB-A, USB-B				

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

Specifications & Ordering Information

Item #	GBPH-1002C	GBPH-2002C	GBPH-6001C
Item # (with Cal. Cert.)*	GBPH-1002C-CT	GBPH-2002C-CT	GBPH-6001C-CT
Maximum Capacity	1 kg	2 kg	6 kg
Readability	0.01 g	0.01 g	0.1 g
Linearity	±0.03 g	±0.03 g	±0.2 g
Repeatability	0.015 g	0.015 g	0.15 g
Calibration Type	internal		
Stabilization Time	3 s		
Pan Size	195 × 195 mm		
Device Dimensions	333 x 206 x 97 mm		
Ports	2×RS232, USB-A, USB-B		

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.



Globe Scientific also offers a complete line of calibration weights to compliment our balances. See page 41 to see the full selection.



GBA-225
Analytical Balance



GBA
Precision Balance

GBA-SERIES ADVANCED SERIES ANALYTICAL AND PRECISION BALANCES

The GBA-Series of Analytical and Precision Balances offer a wide range of options, making them an essential piece of equipment in any laboratory.

These internally calibrated balances have a digital LCD screen, onboard processing, and databases capable of storing up to 100,000 weighings, ensuring unparalleled traceability.

With RS232, USB-A, USB-B, and Wi-Fi connectivity, GBA-Series balances are well suited to data export, and process integration.

The GBA-series combines state of the art features with premium build quality and reliability, all backed by The Globe Scientific 5-year guarantee.

Features:

- **Internal Calibration:** With temperature activated, time-activated, or manually activated calibration options, the internal automatic calibration and adjustment feature allows for worry-free operation.
- **Application Modes:** Optimize the performance of your balance with one of 11 application modes: Basic Weighing, Piece Counting, Check Weighing, Dosing, Deviations, Density Determination (Solids & Liquids), Animal Weigh, Statistics, Totalizing (Formulation), and Peak Hold.

- **Premium Build Quality:** The housing is designed to endure the most challenging environments from teaching labs to industrial use.
- **Database Storage and Onboard Processing:** Standard on the GBA-Series balances. Store up to 10 Users, 1000 Products, and 100 Tare Weight Values in memory (alphanumeric). Detailed reporting includes Balance ID, User, Date, Time, Software Version, Measurement Mode, Results, and Signature Line, allowing for data stewardship and complete GLP documentation.
- **Menu-Driven Operation:** An intuitive interface navigation with dedicated setup, mode, function, database keys and navigational arrows for easy access to weighing features, applications, and stored data.
- **User-Friendly Draft Shield:** Standard on semi-micro and analytical models. The internal dimensions (16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")), and three sliding doors allow for easy access to the chamber. The draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning. A short, removable draft shield comes standard on the 0.001g readability GBA-Series precision balances.
- **5-Year Replacement Guarantee:** Long term support enables you to purchase with confidence.

**Visit www.globescientific.com for full details.

Analytical Balances



Specifications & Ordering Information

Item #	GBA-225C	GBA-164C	GBA-224C	GBA-314C
Item # (with Cal. Cert.)*	GBA-225C-CT	GBA-164C-CT	GBA-224C-CT	GBA-314C-CT
Maximum Capacity	80/220 g	160 g	220 g	310 g
Readability	0.01/0.1 mg	0.1 mg	0.1 mg	0.1 mg
Linearity	±0.05/0.2 mg	±0.2 mg	±0.2 mg	±0.2 mg
Repeatability	0.08 mg	0.08 mg	0.08 mg	0.12 mg
Calibration Type	internal	internal	internal	internal
Stabilization Time	3 s	2 s	2 s	2.5 s
Pan Size	ø90 mm	ø100 mm	ø100 mm	ø100 mm
Device Dimensions	351 x 205.5 x 338 mm			
Ports	2×RS232, 2×USB-A (Interchangeable), USB-B, Wi-Fi			

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

Precision Balances



Specifications & Ordering Information

Item #	GBA-603C	GBA-1003C	GBA-6002C
Item # (with Cal. Cert.)*	GBA-603C-CT	GBA-1003C-CT	GBA-6002C-CT
Maximum Capacity	600 g	1000 g	6100 g
Readability	0.001 g	0.001 g	0.01 g
Linearity	±0.003 g	±0.003 g	±0.03 g
Repeatability	0.0015 g	0.0015 g	0.008 g
Calibration Type	internal	internal	internal
Stabilization Time	3 s	4 s	1.5 s
Pan Size	128 × 128 mm	128 × 128 mm	195 × 195 mm
Device Dimensions	333 x 206 x 100 mm	333 x 206 x 100 mm	333 x 206 x 107 mm
Ports	2×RS232, USB-A, USB-B, Wi-Fi		

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.



GBT-SERIES ADVANCED TOUCH DISPLAY ANALYTICAL AND PRECISION BALANCES

The GBT-Series of Analytical and Precision Balances offer a wide range of options, making them an essential piece of equipment in any laboratory.

These balances have an advanced color touch display for ease of use, and include touch-free operation capability with two infrared sensors. Intelligent design features like a customizable home screen, and extensive onboard data storage increase the convenience and functionality of these units.

With RS232, USB-A, USB-B, and Ethernet connectivity, GBT-Series balances are well suited to data export, and process integration.

The GBT-Series is available with internal or external calibration types. The internal automatic calibration and adjustment offers three internal calibration options: Temperature-activated, time-activated or manually activated calibration. The external calibration type prompts the user for the pre-defined mass to calibrate the mechanism, ensuring precise and repeatable measurements.

All GBT-Series balance combine state of the art features with premium build quality and reliability, all backed by the Globe Scientific 5-Year Guarantee**.



Features:

- **Application Modes:** Optimize the performance of your balance with one of 11 application modes: Basic Weighing, Piece Counting, Check Weighing, Dosing, Deviations, Density Determination (Solids & Liquids), Animal Weigh, Statistics, Totalizing (Formulation), and Peak Hold.
- **Premium Build Quality:** The housing is designed to endure the most challenging environments from teaching labs to industrial use.
- **Database Storage and Onboard Processing:** Standard on the GBT-Series balances. Store Users, Products, Weighings, Packaging, Formulations and Customers in memory. Detailed reporting includes Balance ID, User, Date, Time, Software Version, Measurement Mode, Results, and Signature Line, allowing for data stewardship and complete GLP documentation.
- **Touch-Screen Display:** Intuitive interface navigation. Easily click, scroll, and tap through menus and submenus. Infrared sensors also allow for touchless operation, when cleanliness and compliance is at a premium.
- **User-Friendly Draft Shield:** Standard on semi-micro and analytical models. The internal dimensions (16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")), and three sliding doors allow for easy access to the chamber. The draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning. A short, removable draft shield comes standard on the 0.001g readability GBT-Series precision balances.
- **5-Year Replacement Guarantee:** Long term support enables you to purchase with confidence.



**Visit www.globescientific.com for full details.

GBT-Series Advanced Touch Display Analytical and Precision Balances

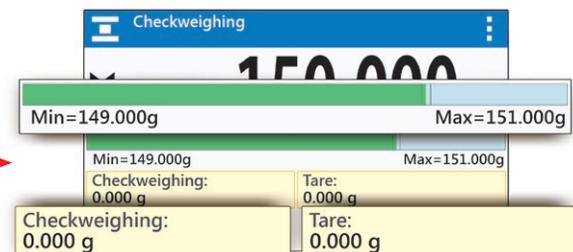
BUTTONS: Customization

Customizable buttons facilitate the selection of weighing units, packaging, customers, and variable tare values further enhancing the fast and solid performance of the weighing process. A user-specified key, tailored to the user's needs, can be assigned to a particular working mode, boosting the balance's functionality.



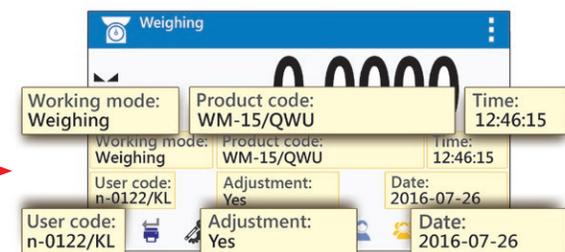
LABELS: Design your own onscreen labels

GBT series balances feature labels — pre-defined information fields that provide various data such as product name, user, date and time, or bar graph. Label names and values cannot be modified, but the user decides which labels are to be displayed based on individual preferences.



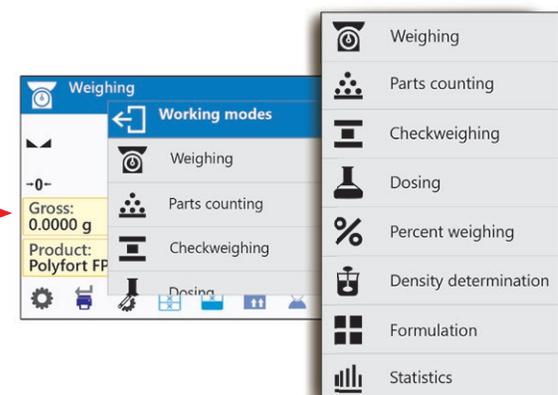
TEXT FIELDS: Adapt the text field to your own needs

Text fields and labels feature similar characteristics, but text fields, unlike labels, can be freely created and configured by the user. It is possible to provide each text field with an individual name, function, and value. In addition, user can decide on the text fields' sizes and locations.



CLEAR INFORMATION ARRANGEMENT: Even greater ease of operation

Priority for our GBT series balances is ease of operation and intuitive communication with the user. Clear information presented by symbols provides even more user-friendly operation.





Specifications & Ordering Information

Item #	GBT-64	GBT-164	GBT-224	GBT-314
Item # (with Cal. Cert.)*	GBT-64-CT	GBT-164-CT	GBT-224-CT	GBT-314-CT
Maximum Capacity	62 g	160 g	220 g	310 g
Readability	0.1 mg	0.1 mg	0.1 mg	0.1 mg
Linearity	±0.2 mg	±0.2 mg	±0.2 mg	±0.2 mg
Repeatability	0.1 mg	0.1 mg	0.1 mg	0.15 mg
Calibration Type	external	external	external	external
Stabilization Time	3 s	2 s	2 s	2.5 s
Pan Size	ø90 mm	ø100 mm	ø100 mm	ø100 mm
Device Dimensions	351 x 205.5 x 338 mm			
Ports	RS232, 2×USB-A, USB-B, Ethernet			

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

Specifications & Ordering Information

Item #	GBT-363	GBT-603	GBT-1003
Item # (with Cal. Cert.)*	GBT-363-CT	GBT-603-CT	GBT-1003-CT
Maximum Capacity	360 g	600 g	1000 g
Readability	0.001 g	0.001 g	0.001 g
Linearity	±0.002 g	±0.003 g	±0.003 g
Repeatability	0.001 g	0.0015 g	0.0015 g
Calibration Type	external	external	external
Stabilization Time	2 s	2 s	2 s
Pan Size	128 × 128 mm	128 × 128 mm	128 × 128 mm
Device Dimensions	333 x 206 x 100 mm	333 x 206 x 100 mm	333 x 206 x 107 mm
Ports	2×RS232, USB-A, USB-B, Ethernet		

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

GBT-Series Advanced Touch Display Analytical and Precision Balances

External Calibration

All the same features as the GBT-Series internal calibration but with external calibration: The external adjustment system of the GBT-Series balances prompts the user for a pre-defined mass to calibrate the mechanism, ensuring precise and repeatable measurements



Specifications & Ordering Information

Item #	GBT-2002	GBT-4502	GBT-6002	GBT-6001	GBT-10001	GBT-20001
Item # (w Cal. Cert.)*	GBT-2002-CT	GBT-4502-CT	GBT-6002-CT	GBT-6001-CT	GBT-10001-CT	GBT-20001-CT
Maximum Capacity	2 kg	4500 g	6000 g	6 kg	10 kg	20 kg
Readability	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g
Linearity	±0.03 g	±0.02 g	±0.02 g	±0.3 g	±0.3 g	±0.3 g
Repeatability	0.015 g	0.008 g	0.008 g	0.1 g	0.08 g	0.1 g
Calibration Type	external					
Stabilization Time	2 s	1.5 s	1.5 s	2 s	2 s	2 s
Pan Size	195 × 195 mm					
Device Dimensions	333 x 206 x 107 mm					
Ports	2×RS232, USB-A, USB-B, Ethernet					

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.



Globe Scientific also offers a complete line of calibration weights to compliment our balances. See page 41 to see the full selection.

**Visit www.globescientific.com for full guarantee details.



Specifications & Ordering Information

Item #	GBT-125C	GBT-225C	GBT-164C	GBT-224C	GBT-314C	GBT-524C
Item # (w Cal. Cert.)*	GBT-125C-CT	GBT-225C-CT	GBT-164C-CT	GBT-224C-CT	GBT-314C-CT	GBT-524C-CT
Maximum Capacity	120 g	82 / 220 g	160 g	220 g	310 g	520 g
Readability	0.01 mg	0.01 / 0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.1 mg
Linearity	±0.07 mg	±0.05/0.2 mg	±0.2 mg	±0.2 mg	±0.2 mg	±0.4 mg
Repeatability	0.04 mg	0.1 mg	0.1 mg	0.1 mg	0.15 mg	0.4 mg
Calibration Type	Internal					
Stabilization Time	2 s	2 s	2 s	2 s	2.5 s	2.5 s
Pan Size	ø90 mm	ø90 mm	ø100 mm	ø100 mm	ø100 mm	ø100 mm
Device Dimensions	351 x 205.5 x 338 mm					
Ports	RS232, 2×USB-A, USB-B, Wi-Fi, Ethernet					

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

Specifications & Ordering Information

Item #	GBT-363C	GBT-603C	GBT-1003C	GBT-3003C
Item # (w Cal. Cert.)*	GBT-363C-CT	GBT-603C-CT	GBT-1003C-CT	GBT-3003C-CT
Maximum Capacity	360 g	600 g	1000 g	3000 g
Readability	0.001 g	0.001 g	0.001 g	0.001 g
Linearity	±0.002 g	±0.003 g	±0.003 g	±0.004 g
Repeatability	0.001 g	0.0015 g	0.0015 g	0.0015 g
Calibration Type	Internal			
Stabilization Time	2 s	2 s	2 s	3 s
Pan Size	128 × 128 mm			
Device Dimensions	333 x 206 x 168 mm			
Ports	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi			

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

GBT-Series Advanced Touch Display Analytical and Precision Balances

Internal Calibration

All the same features as the GBT-Series external calibration but with internal calibration: Internal Automatic Calibration and Adjustment offers three internal calibration options. Temperature-activated calibrations initiate with a 3°C change in ambient temperature. Time-activated calibrations may be programmed from one-hour to twelve-hours intervals. Manual calibration can be activated at any time by a simple press of the Cal Key.



Specifications & Ordering Information

Item #	GBT-2102C	GBT-4502C	GBT-6002C	GBT-8102C	GBT-10102C
Item # (wCal. Cert.)*	GBT-2102C-CT	GBT-4502C-CT	GBT-6002C-CT	GBT-8102C-CT	GBT-10102C-CT
Maximum Capacity	2100 g	4500 g	6000 g	8100 g	10100 g
Readability	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g
Linearity	±0.02 g	±0.02 g	±0.02 g	±0.03 g	±0.03 g
Repeatability	0.008 g	0.008 g	0.008 g	0.01 g	0.012 g
Calibration Type	Internal				
Stabilization Time	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s
Pan Size	195 × 195 mm				
Device Dimensions	333 x 206 x 107 mm				
Ports	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi				

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

**Visit www.globescientific.com for full guarantee details.



We also carry a comprehensive selection of weigh boats and dishes.

Ask your Globe Scientific Sales Representative or visit globescientific.com.



CALIBRATION WEIGHTS

Weigh with confidence when you calibrate your balance with calibration weights from Globe Scientific.

Crafted from high-quality, long-lasting stainless steel, our calibration weights come complete with a rugged foam-lined plastic storage case, ensuring accurate calibration for years to come.

With OIML Class E2, F1, and F2 designations, these calibration weights are the perfect companion to any of the Globe Scientific externally calibrating balances.

A Statement of Accuracy comes standard with all Globe Scientific Calibration Weights, or opt for ISO 17025:2017 Calibration performed by an ISO 17025:2017 accredited laboratory.



All calibration weights come complete with a rugged foam-lined plastic storage case.

Class E2 Weights — Specifications & Ordering Information

Item #	GB-E2-50G	GB-E2-100G	GB-E2-200G
Item # (with Cal. Cert.)	GB-E2-50G-CT	GB-E2-100G-CT	GB-E2-200G-CT
OIML Class	E2	E2	E2
Weight	50 g	100 g	200 g
Tolerance (\pm mg)	± 0.10 mg	± 0.16 mg	± 0.30 mg

Class F1 Weights — Specifications & Ordering Information

Item #	GB-F1-100G	GB-F1-200G	GB-F1-500G	GB-F1-1KG	GB-F1-2KG	GB-F1-5KG
Item # (with Cal. Cert.)	GB-F1-100G-CT	GB-F1-200G-CT	GB-F1-500G-CT	GB-F1-1KG-CT	GB-F1-2KG-CT	GB-F1-5KG-CT
OIML Class	F1	F1	F1	F1	F1	F1
Weight	100 g	200 g	500 g	1 kg	2 kg	5 kg
Tolerance (\pm mg)	± 0.5 mg	± 1 mg	± 2.5 mg	± 5 mg	± 10 mg	± 25 mg

Class F2 Weights — Specifications & Ordering Information

Item #	GB-F2-500G	GB-F2-1KG	GB-F2-2KG	GB-F2-5KG	GB-F2-10KG	GB-F2-20KG
Item # (with Cal. Cert.)	GB-F2-500G-CT	GB-F2-1KG-CT	GB-F2-2KG-CT	GB-F2-5KG-CT	GB-F2-10KG-CT	GB-F2-20KG-CT
OIML Class	F2	F2	F2	F2	F2	F2
Weight	500 g	1 kg	2 kg	5 kg	10 kg	20 kg
Tolerance (\pm mg)	± 8 mg	± 16 mg	± 30 mg	± 80 mg	± 160 mg	± 300 mg



LAB SUPPORT JACKS

These rugged laboratory support jacks provide stable height adjustment for various items in the lab such as flasks, beakers, water baths, and other small equipment. They are constructed of heavy duty aluminum alloy for years of trouble-free performance. The jacks are easy to clean, rust-proof, corrosion and chemical resistant. Each jack features a distinctive satin finish and easy grip knurled adjustment knob.

- High load capacity
- Stable, rigid construction
- Anodized aluminum with attractive satin finish
- Rust-proof, corrosion and chemical resistant
- Easy grip adjustment knob
- Fully autoclavable at 121°C

Item #	Size (mm)	Min. to Max.		Load Capacity (kg)	Color	Unit
		Height (mm)				
450000SM	80 x 76	48 to 148		30	Blue	Each
450000MD	140 x 120	58 to 242		50	Red	Each
450000LG	150 x 121	78 to 278		80	Yellow	Each



FOUR-CHANNEL LABORATORY ALARM TIMER

Run up to four tests simultaneously! This convenient timer permits setting 4 separate channels simultaneously in any combination of count down or count up (stopwatch). When zero is reached, the alarm sounds for one minute and timer starts counting up to show time elapsed since alarming. Each of the 4 channels has a distinctive alarm. Additional functions include stopwatch, time-out, and time-of-day clock. Large keys make it easy to set times or change channels, and the 3/4" LCD display facilitates viewing from long distances.

- Set up to 4 channels simultaneously
- Memory returns display to previously programmed count down time with the touch of a button
- Loud, 70 db alarm sounds for 1 minute or can be silenced manually
- Large LCD display allows viewing from across the lab
- 6 digit display shows hour, minute and second setting for timers and clock
- Choose between 12 or 24 hour clock format
- Provided with fixed stand, pocket clip, hole for lanyard, and magnetic back
- 1.5V G-13 Battery included

Item #	Description	Unit
1004	4 Channel Count Up-Count Down Timer with pocket clip, stand, magnetic holder, and battery	Each

Specifications

Channels/Zones:	4
Timing Accuracy:	±01.5 sec/day
Timing Resolution:	1 second
Maximum Setting:	99 hours, 59 minutes, 59 seconds
Clock Mode:	12 and 24 hour format
Display:	LCD
Material:	ABS Plastic
Battery Type:	1.5V G-13 size button cell battery (included)
Dimensions:	2.75 in x 2.625 in x 1 in

Functions

Memory
Count Up/Down
Time In/Out
Alarm
Time of Day (12 and 24 Hour Clock)

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
- Balances
- Beakers
- Bench Top Equipment
- Biohazard Specimen Bags
- Blood Collection Products
- Bottle Top Dispensers
- Bottles, Carboys, Jerricans
- Capillary Tubes
- Centrifuges
- Centrifuge Tubes
- Containers
- Coolers & Ice Buckets
- Cryogenic Vials
- Cylinders
- Drug Test Containers
- Drying Rack
- ESR Systems
- Filtration Products
- Formalin Filled Containers
- Formalin Neutralization
- Funnels
- Glassware
- Histology Cassettes
- Inoculation Loops
- Labels & Labeling Tape
- Microhematocrit Tubes
- Microcentrifuge Tubes
- Microscopes
- Microscope Slides
- Microtitration Plates
- Pathology Containers
- PCR Tubes, Strips & Plates
- PCR Workstation Racks
- Pipettors
- Pipette Tips
- Racks
- Reagent Reservoirs
- Serological Pipettes
- Slide Mailers & Storage
- Test Tubes & Caps
- Transfer Pipets
- Urinalysis Products
- Vortex Mixers
- Weighing Dishes



www.globescientific.com

Globe Scientific

400 Corporate Drive • Mahwah, New Jersey 07430 • USA

Customer service, sales and technical support:

Phone 1 (800) 394-4562 • 1 (201) 599-1400

Fax 1 (201) 599-1406

E-mail mail@globescientific.com

