



Greiner Bio-One's Lab Equipment

Mini Centrifuge
Mini Vortex Mixer
Mini Block Heater
Vortex Mixer
Microplate Centrifuge
Sapphire MaxiPette

Greiner Bio-One, a leading provider of labware, now offers compatible equipment as part of its product portfolio. Whether a start-up or established lab, we make it easier for you to order what you need from one supplier. We continue to look for synergies with compatible products to simplify processes and deliver high quality products to your door easily.



1 Greiner Bio-One Vortex Mixer

Part No. 844 070

- Powerful motor for INSTANT vortexing of up to 50 mL tubes
- Dynamic balance system to minimise noise and vibration
- Touch or continuous operation
- Variable speed control from 200 to 3200 rpm
- Compatible with all Greiner Bio-One tubes

2 Greiner Bio-One Mini Block Heater

Part No. 848 070

- Simple touchpad operation
- Easy-to-read digital display
- Compact, fits in the palm of your hand
- Exchangeable blocks for tubes from 0.2 to 50 mL (see compatibility chart for Greiner Bio-One tubes on page 5)

3 Greiner Bio-One Mini Centrifuge

Part No. 843 070

- Ideal for quick spin downs of microtubes and PCR tubes
- Rotor instantly reaches 6,000 rpm
- Storage compartment for PCR tube rotor
- Decelerates in just one second
- Compatible with Greiner Bio-One PCR and reaction tubes

4 Greiner Bio-One Microplate Centrifuge

Part No. 846 070

- Quickly spins down droplets in microplates
- Unique rotor design holds 2 plates and prevents spillage
- 50 % smaller than traditional centrifuges
- G-force of over 400 x g
- Compatible with most Greiner Bio-One microplates

5 Greiner Bio-One Mini Vortex Mixer

Part No. 845 070

- Powerful, quiet vortexing for tubes up to 50 mL
- Instant pressure-activated operation
- Compact, fits in the palm of your hand
- Compatible with all Greiner Bio-One tubes

6 Greiner Bio-One Sapphire MaxiPette

Part No. 847 070

- Ergonomic design for easy pipetting
- Variable speed control
- Cordless and rechargeable
- Up to eight hours of continuous operation
- Compatible with Greiner Bio-One serological pipettes



These Greiner Bio-One Lab Equipment products are warranted to be free of defects in material and workmanship for a period of 2 years from the date of purchase.

The Operating Environment of these Greiner Bio-One's Lab Equipment products ranges from + 4 °C to + 45 °C (+ 39.2 °F to + 113 °F).

Greiner Bio-One Vortex Mixer

Our vortex mixer provides smooth instant vortexing of even the largest samples. The unique counter balance system allows maximum vortexing action, while minimising noise along with excess vibration. Other features include suction feet to eliminate "walk" and cold room/incubator compatibility.

Part No.	Product Description
844 070	Vortex Mixer, Speed range 200 to 3200 rpm



Greiner Bio-One Mini Block Heater

Compact construction, broad temperature range and multiple block options make the Mini Block Heater the perfect tool for laboratory incubations. Seven accessory blocks are available for use with a wide range of tubes. The simple touch pad control and digital display provide for "set and walk away" temperature selection and maximum accuracy. See product compatibility chart for block and tube type matching.

Part No.	Product Description
848 070	Block heater, temp range ambient + 5 °C to + 100 °C, temp accuracy +/- 0.5 °C, temp increments, 0.1 °C, temp uniformity +/- 0.2 °C
848 xxx	Block Heater Inserts (see page 5) need to be ordered additionally



Greiner Bio-One Mini Centrifuge

Ideal for quick spin-downs of microtubes and PCR tubes. Braking system is activated when the lid is opened, smoothly decelerating to a complete stop in just one second. An 8 position microtube rotor is included, as well as a rotor with increased capacity for 0.2 mL PCR strips or 0.5 mL PCR tubes which is conveniently located in the bottom of the centrifuge. Simply remove and attach rotors by hand, pushing or pulling gently onto motor shaft.

Part No.	Product Description
843 070	Mini Centrifuge, speed 6,000 rpm/2,000 x g, capacity 8 x 1.5 / 2.0 mL tubes, 4 x PCR strips (8 x 0.2 mL) or 32 x 0.5 ml PCR tubes



Greiner Bio-One Microplate Centrifuge

Two plates can be inserted confidently without sealing tape or caps. Upon closing the lid of the centrifuge, the rotor accelerates and centrifugal force 'swings' the plates into a horizontal position. With a g-force power of 400 x g, most samples can be spun down in 20 seconds or less. Simply open the lid and the automatic electric brake brings the rotor to a smooth stop in about 7 seconds. Plates can then easily be removed.

Part No.	Product Description
846 070	Microplate centrifuge, speed 2100 rpm/400 x g, capacity 2 x PCR or microtiter plates



Greiner Bio-One Mini Vortex Mixer

With a 4 mm orbit and fixed speed of 2800 rpm, even the largest samples are vortexed instantly. Despite its powerful motor, it is less than 10 x 10 cm, allowing it to fit on even the most crowded bench. Operation is activated by pressure and is smooth, quiet and efficient. When pressure is removed operation immediately ceases. A unique head design prevents liquids from entering the housing, prolonging motor life.

Part No.	Product Description
845 070	Mini Vortex, speed 2800 rpm, touch activation, orbit 4 mm



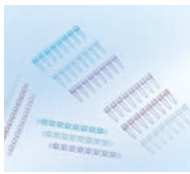

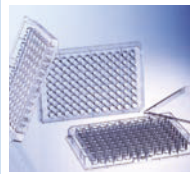
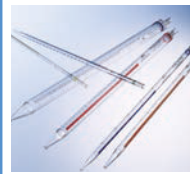


Greiner Bio-One Sapphire MaxiPette

Lightweight and designed to fit comfortably in either hand. Ergonomic shape with computer balanced weight distribution and low pressure fingertip controls. Lithium battery keeps unit running for up to 8 hours or 2500 pipettings on a single two hour charge. Accepts pipette sizes from 1 mL to 100 mL.

Part No.	Product Description
847 070	Pipette Controller, includes charger and benchtop stand, extra filter, replaceable lithium battery



Greiner Bio-One Product Compatibility Chart						
Part No. / Description	Greiner Bio-One Centrifuge Tubes	Greiner Bio-One Reaction Tubes	Greiner Bio-One PCR Strip Tubes	Greiner Bio-One 0.2 & 0.5 mL Tubes	Greiner Bio-One Microplates (except MASTERBLOCK®)	Greiner Bio-One Serological Pipettes
844 070 Greiner Bio-One Vortex Mixer	✓	✓	✓	✓		
848 070 Greiner Bio-One Mini Block Heater	See chart below for detailed compatibility information.					
843 070 Greiner Bio-One Mini Centrifuge		✓	✓	✓		
846 070 Greiner Bio-One Microplate Centrifuge					✓	
845 070 Greiner Bio-One Mini Vortex Mixer	✓	✓	✓	✓		
847 070 Greiner Bio-One Sapphire MaxiPette						✓

Greiner Bio-One Compatibility Chart for Block Heater accessories

Part. No.	848 916	848 923	848 902	848 913	848 921	848 915	848 950
No. of Tubes per Insert	15x	15x	40x	15x	15x	4x	2x
1 mL Cryo.s™					✓		
2 mL Cryo.s™					✓		
4 mL Cryo.s™				✓			
5 mL Cryo.s™				✓			
1.5 mL Reaction Tube	✓	✓					
2 mL Reaction Tube		✓					
0.5 mL PCR Tube	✓	✓					
0.2 mL PCR Tube			✓				
1x8 PCR Tube Strip			✓				
15 mL Conical Tube						✓	
50 mL Conical Tube							✓
4 mL, 12x55 mm Tube					✓		
5 mL, 12x75 mm Tube				✓			
4.5 mL, 12x75 mm Tube				✓			
7 mL, 13x100 mm Tube				✓			
12 mL, 16x100 mm Tube						✓	
12 mL, 17x100 mm Tube						✓	
20 mL, 16x152 mm Tube						✓	
14 mL, 17x95 mm Tube						✓	
14 mL, 18x95 mm Tube						✓	