



CE

- + The only vortexer available with **Multi-Head™**
- + Powerful motor for **INSTANT** vortexing
- + **Q-Drive™** dynamic balancing system
- + Variable speed from 200 to 3,200 rpm



Unique Multi-Head allows for standard vortexing, **PLUS** holds up to 8 microtubes

**Available Accessories:**



The Mortexer™ is MORE than your standard vortex mixer. The unique design of the Multi-Head™ (included) features a traditional cup head for general purpose mixing, plus holds up to eight microcentrifuge tubes. The drive system is balanced with Q-Drive™ technology, providing a smooth vortexing action, while minimizing noise and excessive vibration. This results in quieter, more efficient and longer lasting operation.

Other features include: “no-walk” suction feet, cold room/incubator compatibility and spill-proof electronic controls.

**Technical Data:**

Speed Range:	<b>200 to 3,200 rpm</b>
Operating Modes:	<b>Touch or continuous</b>
Orbit:	<b>3mm</b>
Operating Temp. Range:	<b>+4° C to +45°C</b>
Dimensions: (W x D x H)	<b>5 x 6.3 x 6.7 in. 13 x 16 x 17 cm</b>
Weight:	<b>8.4 lbs (3.8kg)</b>
Electrical:	<b>115V, 60Hz or 230V, 50Hz*, 180W</b>
Warranty:	<b>2 Years</b>

**Ordering Information:**

Item No.	Description:
BV1005*	Mortexer Vortex Mixer (with Multi-Head)
BV1000-FLAT	Optional 3 inch flat head attachment
BV1000-COMBO	Optional combination head for tubes and microplates (38x1.5/2.0ml & 28 x 0.5ml or one microplate)
BV1000-H15	Optional head for 12 x 1.5/2.0ml, horizontal
BV1000-H150	Optional head for 4 x 15ml tubes, horizontal
BV1000-H500	Optional head for 2 x 50ml tubes, horizontal

\*115V with US plug. For 230V/50Hz with EU plug, please add (-E). For 230V/60Hz with EU plug, please add (-E2).



CE

- + Hands free, high capacity vortexing
- + Up to 2500rpm, a true vortex in every tube
- + Pulsing function for interval vortexing
- + Wide assortment of accessories for a variety of tubes and plates
- + Suitable for use with QuEChERS

**Available Accessories:**



The BenchMixer™ XL is a heavy duty vortex mixer designed for hands-free mixing in tubes, flasks, vials or cylinders. It is ideal for the QuEChERS pesticide analysis method and is instantly adaptable to an exceptionally broad range of vessels, racks and applications (horizontal or vertical). The precisely balanced drive system includes an oversized motor that delivers accurate, reproducible speeds up to 2,500rpm with rattle-free operation and minimal vibration. The programmable pulsing function allows for time specific interval mixing, increasing agitation.

The 7x12 inch platform accommodates a wide variety of standard, pre-drilled tube racks (a complete listing can be found in the ordering information section below). Additionally, BenchMixer XL can easily be adapted to almost any type of vessel commonly found in the laboratory.

Using BenchMixer XL is easy; after loading the sample rack and tightening the locking knobs, select the desired speed and run time on the large digital control panel. Then, simply press “Start” and the BenchMixer XL will perform unattended mixing for up to 100 hours.

BenchMixer XL's large capacity and adaptability make it an ideal choice for the medium to high throughput laboratory.

**Technical Data:**

Speed Range:	<b>500 to 2500 rpm</b>
Orbit:	<b>3.6mm</b>
Timer:	<b>1 min. to 99hr 59 min.</b>
Platform Dimensions:	<b>12 x 7 in. / 30 x 17.8 cm</b>
Dimensions: (W x D x H)	<b>15 x 9.2 x 16.5 in. 38.5 x 23.5 x 42 cm</b>
Weight:	<b>29 lbs (13kg)</b>
Electrical:	<b>Universal Voltage 100 to 240V, 50-60Hz, 60W</b>
Warranty:	<b>2 Years</b>

**Ordering Information:**

Item No.	Description:
BV1010**	BenchMixer XL Multi-Tube Vortexer, includes 50 x 12mm tube rack
BV1010-TST**	BenchMixer XLQ QuEChERS Shaker/Vortexer with racks for 7 x 50ml tubes held horizontally, 50 x 15ml and 50 x 1.5/2.0ml tubes (vertical)
BV1010-05	Tube Rack (PP*), 96 x 0.5ml (Ø8mm)
BV1010-1520	Tube Rack (PU*), 50 x 1.5/2.0ml (Ø10mm)
BV1010-12	Tube Rack (PU*), 50 x 12mm (included)
BV1010-13	Tube Rack (PU*), 50 x 13mm
BV1010-150	Tube Rack (PU*), 50 x 15ml (Ø16.5mm)
BV1010-500	Tube Rack (PU*), 15 x 50ml (Ø29mm)
BV1010-25	Tube Rack (PU*), 15 x 25mm
BV1010-50H	Tube Rack (PU*), 9 x 50ml Horizontal (QuEChERS)
BV1010-MP	Rack (PP*) for up to 3 plates or 96 well microtube racks
BV1010-MP02	Carrier for above, 96 x 0.2ml tubes or strips (3pk.)

\*PU: Polyurethane / PP: Polypropylene  
\*\*Includes US plug. For EU plug, please add (-E).