

# **BENCHMIXER™ X1Q** **QUECHERS SHAKER/VORTEXER**



- For use with QuEChERS and other sample prep methods
- Powerful, hands-free shaking
- Pulse mode for interval shaking
- Supplied with QuEChERS rack starter kit:
  - 7 x 50ml tubes, held horizontally
  - 50 x 15ml tubes, held vertically
  - 50 x 1.5/2.0ml tubes, held vertically

# BENCHMIXER™ XLQ

QUECHERS SHAKER/VORTEXER

Benchmark's *BenchMixer XLQ* has been designed for use in QuEChERS and other sample prep methods. Supplied with racks for 50ml tubes held horizontally and 15ml and 1.5/2.0ml tubes held vertically, it takes the place of traditional manual shaking in these applications.

Multiple samples can be processed simultaneously in the *BenchMixer XLQ*'s large capacity racks, saving time and preventing operator fatigue. The vigorous, consistent shaking ensures all samples are exposed to identical conditions within the same batch of samples, as well as between batches.

The *BenchMixer XLQ* creates a true vortex in vertical sample racks by holding the top of the tube stationary while the bottom rotates in a 3.6mm orbit. Time and speed are precisely controlled by the digital microprocessor. A pulse mode allows for more vigorous mixing. Quiet operation, minimal vibration and a long service life are guaranteed by the precisely balanced drive system and powerful motor.

Using the *BenchMixer XLQ* is simple. To load the sample racks, loosen the knobs on the stationary steel rods and raise the top sample plate. One rod is shorter than the other, allowing the plate to be lifted up and swiveled to one side. After samples are loaded, lower the plate into place and tighten the knobs. Select the desired speed and run time on the digital control panel and press start. The *BenchMixer XLQ* can perform unattended mixing for as little as 1 minute or up to 100 hours.

While the *BenchMixer XLQ* is configured primarily for QuEChERS protocols, additional racks are available to accommodate nearly any type of vessel commonly found in the laboratory (ask for details). Built for heavy-duty use, the instrument carries a 2 year warranty.



7x50ml horizontal



50x15ml



50x1.5/2.0ml

## Technical Data

Speed range	500 to 2500rpm
Orbit	3.6mm
Timer	1 min to 99 hr 59min
Platform dimensions	12 x 7 in/30 x 17.8 cm
Dimensions (WxDxH)	15 x 9.2 x 16.5 in 38.5 x 23.5 x 42 cm
Weight	29 lbs/13kg
Electrical	100-240V, 50-60 Hz, 60W
Warranty	2 years

## Ordering Information

BV1010-TST\* *BenchMixer XLQ* QuEChERS Shaker/Vortexer with racks for 7x50ml tubes held horizontally, 50x15ml and 50x1.5/2.0ml tubes held vertically

### Replacement Racks

BV1010-15	Tube rack (EVA <sup>+</sup> ) for 50 x 1.5/2.0ml (Ø10mm)**
BV1010-150	Tube rack (EVA <sup>+</sup> ) for 50 x 15ml tubes (Ø16.5mm)**
BV1010-50HQ	Tube rack (PP <sup>+</sup> ) 7x50ml horizontal (QuEChERS)**

Additional racks available. Call for details.

\*Includes US plug. For EU plug, please add -E to cat no.

<sup>+</sup>EVA=Ethyl Vinyl Acetate, PP=Polypropylene

Also Available from Benchmark Scientific:



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