

Mini Mixer/Mill®

Compact ball mill for efficient sample grinding



Excellent for pulverizing rocks, minerals, cement and ceramics.

- Interchangeable sample vial holders for agate, steel and tungsten carbide vials
- Safety interlock stops the motor if the lid is opened during the homogenization process
- Can be operated remotely with a portable battery pack (optional)
- Capability to grind samples to analytical fineness (<math><50 \mu\text{m}</math>)

Ideal for pulverizing the toughest materials, rapidly reducing samples to analytical fineness, blending powders, and making emulsions. Finely grinding the sample increases the surface area to improve acid dissolution for ICP, and pellet pressing or fusion bead for XRF.

FEATURES

- Fixed speed for slow-speed mixing to high-speed milling
- High-intensity oscillating motion
- Safe for environmental samples and materials science
- Programmable control panel

APPLICATIONS INCLUDE

- Size reduction
- Nanomilling
- Powder blending
- Emulsions
- Slurry grinding

SAMPLE TYPES INCLUDE

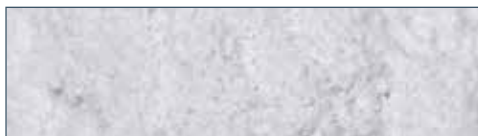
- Rocks
- Minerals
- Cement
- Ceramics
- Glass

Mini Mixer/Mill®



BM-200 Mini Mixer/Mill
Compact Ball Mill

Before and Sample Samples – Ceramic



Specifications

Specification	BM-200
Type of mill	Ball mill
Display	Digital
Motor	1/7 hp
Run timer	Maximum 5 minutes
Clamp speed	Fixed speed: 750, 2000, 3000, 3500 rpm
CE approved	Yes
Voltage	115 VAC, 60 Hz or 230 VAC, 50 Hz
Power cord	3-prong grounded plug for 115 VAC or 2-prong European plug for 230 VAC
Dimensions (W x D x H)	20.5 x 38.0 x 30.0 cm (8.0 x 15.0 x 11.0 in.)
Net weight	10.4 kg (23 lb)
Warranty	1 year

Ordering Information

Description	Item Number
BM-200 Mini Mixer/Mill®, Compact Ball Mill	5120

For additional information or to request a quote or demo, scan the QR code or visit spexsampleprep.com



Need a Demo?

- Virtual sample processing – virtual demonstration of the equipment and sample processing
- Physical sample processing – physical testing of your sample with shared results
- Physical equipment testing – a demo unit can be sent to your facility to test before purchasing

Contact us today at sampleprep@coleparmer.com for details.

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