

SM-200 ShatterBox®

Versatile ring and puck mill for grinding up to 150 grams of sample to powder in minutes



Soundproof enclosure keeps noise level down while grinding samples.

- Grind samples up to 150 grams to analytical quality powder in minutes
- Dish-shaped grinding container swings in a tight high-speed circle to crush samples
- Membrane control panel features an LCD with 10-minute electronic timer
- Lockable caster wheels ensure mill stays in place during operation

The ShatterBox ring and puck mill is ideal for pulverizing dry, brittle samples and slurry grinding. To use, place your sample between the puck and the wall of the grinding container, place the clamp over the container, then simply set the timer and run the mill. A puck and ring swing around inside a grinding container at high speed to crush the samples to analytical quality powder. Clamp adjusts to fit various grinding containers. Safety interlock system offers operator safety. A 10-minute timer counts down the time remaining. Press “pause” any time to interrupt the grinding cycle. Order racks to hold one or more three small grinding containers in the chamber.

FEATURES

- Variable speed
- Durable
- Programmable methods
- Automated safety features

APPLICATIONS INCLUDE

- Ideal for pulverizing dry, brittle samples and slurry grinding

SAMPLE TYPES INCLUDE

- Cements
- Soil
- Ceramics
- Slag
- Rocks
- Minerals
- Ores
- Pharmaceuticals
- Sulfur pellets
- Dried plant materials

ShatterBox®



SM-200 ShatterBox
Ring and Puck Mill

Before and Sample Samples – River Rocks



Specifications

Specification	SM-200
Type of mill	Grinding mill
Display	Digital
Motor	1/3 hp
CE approved	Yes
Voltage	115 VAC, 60 Hz
Power cord	3-prong grounded plug for 115 VAC
Dimensions (W x D x H)	48 x 48 x 102 cm (19 x 19 x 40 in.)
Weight	102 kg (225 lb)
Warranty	1 year

Ordering Information

Description	Item Number
SM-200 ShatterBox® Ring and Puck Mill, 115 VAC, 60 Hz	8530

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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