

SM-200 ShatterBox® Versatile Ring & Puck Mill



- Grind samples up to 150 g to analytical 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

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 a 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 rack 04578-24 to hold one or three small grinding containers (04576-79 and 04576-80) in the chamber.

Features



Variable speed



Durable



Programmable
methods



Automated
safety features

SM-200 ShatterBox®

Sample Types Include



Cement



Pharmaceuticals



Ceramics



Rocks



Minerals

Specifications

Ambient Temperature	4-35 °C (40-90°F)
Humidity	0-95%
Electrical	115 VAC, 60 Hz (15-amp fuse) or 230 VAC, 50/60 Hz (8-amp fuse)
Motor	1/3 HP, 835 rpm (maximum speed)
Dimensions (W x H x D)	48 x 102 x 48 cm (19 x 40 x 19")
Weight	102 kg (225 lb) (without grinding container)
Warranty	3 years

Ordering Information

Description	Item Number
SM-200 ShatterBox, Ring and Puck Mill, 115 VAC, 60 Hz	41010-83
SM-200 ShatterBox, Ring and Puck Mill, 230 VAC, 50/60 Hz	41010-84

Ordering Information – Accessories

Description	Item Number
Hardened Steel Grinding Container with Handles	41010-85
Tungsten Carbide Grinding Container Handles	41010-87
Alumina Ceramic Grinding Container Handles	41010-89
Zirconia Ceramic Grinding Container Handles	41010-91
Large Hardened Steel Grinding Container with Handles	41010-92

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@antylia.com for details.