



8550 ShatterBox®

- Automated locking dish and guided dish positioning
- Pulverize up to 150 grams of brittle material to analytical fineness
- Grinding times range from two to five minutes, with resultant particle size under 200 μm
- LCD touchscreen with easy navigation



Spex SamplePrep is an
Antylia Scientific company



8550 ShatterBox®

Versatile Ring & Puck Mill

The Spex ShatterBox is a versatile ring and puck mill that can crush and grind many types and sizes of samples with minimal sample loss and increased safety. Our 8550 ShatterBox features an automated locking dish and guided dish positioning with an automatic elevation of the dish for ease of use and greater flexibility. The versatility of sample containers allows for grinding within smaller dishes without the ring as well as the ability to increase sample sizes and capacity with our ring and puck system.

Typical applications: agriculture and plant research, pharmaceuticals and biomedical research.

Typical samples include: cement, superalloy, granite, glass, sand, slag, ceramics, seeds, grains, pigments and catalyst supports.

Specifications

8550 ShatterBox

Weight	440 lb (200 kg) (without grinding container)
Dimensions	26.6 in (67.5 cm) wide x 26 in (66 cm) deep x 54.3 in (138 cm) high
Electrical	115 V / 60 Hz (10-amp fuse) or 230 V / 50-60 Hz (5-amp fuse)
Motor	1/2 HP, 1200 rpm (maximum speed)
Ambient Temperature	40-90 °F (4-35 °C)
Humidity	0-95%
Operating Rate	800–1200 rpm (1050 rpm max for Tungsten Carbide Dish)



Variable Speed



Durable



Programmable Methods



Automated Safety Features

8550 Ordering Information

Equipment	
Product Name	Part Number
8550 ShatterBox, 115 V	8550-115
8550 ShatterBox, 230 V	8550-230

Accessories	
Product Name	Part Number
Grinding Dishes	
Hardened Steel Grinding Container With Handles	8501-H
Tungsten Carbide Grinding Container Handles	8504-H
Alumina Ceramic Grinding Container Handles	8505-H
Zirconia Ceramic Grinding Container Handles	8506-H
Large Hardened Steel Grinding Container With Handles	8521-H



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WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.