spex® sampleprep

8200 Planetary Mill

- Planetary motion rotates sun wheel in one direction while the sample jar rotates in the opposite direction
- Single grinding station for one 250 mL or one 500 mL grinding jar
- Unique, easy-to-operate jar clamping system
- Programmable touch screen interface capable of storing up to 10 run protocols
- Ergonomic design makes loading a grinding jar into the mill easy

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Spex SamplePrep is an Antylia Scientific company. Find out more at antylia.com.

antylia SCIENTIFIC

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8200 Planetary Mill

High-Energy Planetary Mill

The Spex 8200 Planetary Mill grinds samples with a mechanical motion, rotating the jar in one direction while the platform (sun wheel) is rotated in the opposite direction. The mechanical milling is performed at a 2:1 ratio causing the container to rotate twice relative to every single rotation of the sun wheel. As the container is moved, the relative centrifugal force is transferred to the grinding balls causing them to move in a circular motion, into each other, and against the container wall, grinding the sample.

Typical applications: size reduction, nanomilling, powder blending, emulsion, and slurry grinding.

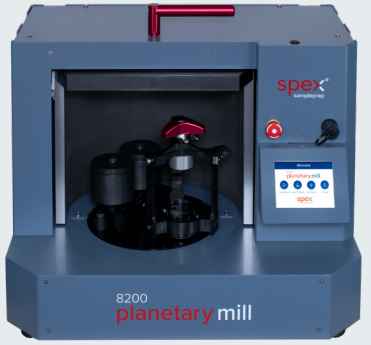
Typical samples: rocks, minerals, sand, cement, slag, ceramics, glass, and pharmaceuticals.

Specifications

Speed	Adjustable range: 300 to 600 rpm
Voltage	115 V/60 Hz or 230 V/50 Hz
CE Approved	Yes
Dimensions	21 in (54 cm) x 22 in (56 cm) x 15 in (38 cm)
Net Weight	250 lb (113 kg) (empty, without jar)
Motor	1.50 HP, maximum speed 3500 rpm, maximum power 220 V
Power Cord	3-prong grounded plug 115 V/60 Hz or 2-prong European cord for 230 V/50 Hz

Ordering Information

EQUIPMENT	
Product Name	Part Number
8200 Planetary Mill, 115 V	8200-115
8200 Planetary Mill, 230 V	8200-230



8200 Planetary Mill
High-Energy Planetary Mill