



PMG-200

PMG-200, Mortar Grinder

The Mortar Grinder PMG-200 is used to grind, homogenize & mix a wide range of samples with dry/wet or cryogenic condition, which can grind hard, soft, brittle and pasty samples. They have extraordinary performance on the processing capacity, as well as easy and safe to operating.

Applications:

Sample type: hard, soft, brittle and pasty samples.

Typical sample: Soils ,chemical products, medicinal herbs, yeast cell, cocoa, food, grain, oil, fruit, salt, slag, silicate, glass, ceramic & cement clinker.

**Working Principle:**

The sample enters the grinding area between the pestle & mortar via hopper & is crushed by pressure and friction. The function of the scraper is to feed the material into the area between the mortar and pestle. This forced feed ensures that the whole sample is continuously subjected to the grinding and is also intensively mixed.

**Features and advantages:**

- Easy to clean
- Easy and safe to operate
- Skills to achieve the best grinding effect
- Suitable for dry, wet & cryogenic grinding
- Pretreatment for some rough samples
- Adding samples through the filling opening during the operation
- A variety of scraper materials are available (polyurethane, PTFE, beech wood) to meet all application requirements.

**Mortar and pestle:**

Sintered aluminium oxide

Agate

Stainless steel

Model	PMG-200
Feed Size	≥15mm, depending on the sample property
Final fineness	≤5μm, depending on the sample property
Speed	50 ~ 130rpm, speed is adjustable
Batch quantity	10 ~ 200ml
Time Setting	00:01 ~ 99:59 (h/min)
Setting pestle pressure / position	Vertical by adjusting knob+scale
Setting scraper pressure / position	By adjusting knob
Display	Digital tube display
Lock device	External helix-screw device
Appearance design	Normal
Rated power	230W
Power supply	220V, 50/60Hz
Instrument Size (WxDxH)	400x480x500mm
Package Size (WxDxH)	600x600x610mm
Weight	41kg