



DISC MILL DP100

- Feed size : $\leq 20\text{mm}$
- Final fineness: $\leq 75\mu\text{m}$
- Speed : 470rpm

Disc Mill DP100 is a robust and long-lasting device, suitable for both preliminary and fine grinding of medium-hard, hard, and brittle solid materials. It excels at rapidly reducing samples to particles as small as $100\mu\text{m}$.

APPLICATIONS

DP100 is capable of grinding various materials, including concrete, building debris, granite, basalt, silicate, gypsum, dry soil samples, depositional sludge, quartz, coal, coke, lime mud, refractory clay, glass, ceramics for dentistry, and more.

Disc Mill DP100

Working Principle

The samples undergo grinding through the pressure and frictional forces generated between a rotating disc and a fixed disc. When the sample enters the grinding chamber, the grinding disc's teeth, which are progressively arranged, initially crush the sample.

Subsequently, centrifugal force pushes it toward the outer regions of the grinding discs, where fine grinding occurs. The finely ground sample then falls into the sample receiver through the gap between the grinding discs.

FEATURES

- Easy operation and straightforward cleaning.

- Suitable for sample feed sizes up to 20mm.
- Capable of processing large sample quantities.
- Continuous adjustment of the gap between grinding discs.
- Efficient sample treatment, achieving significant size reduction quickly.
- Multiple material options available for wear-resistant grinding discs.
- Designed with a dust discharge connector to prevent sample powder from contaminating the environment.

TECHNICAL SPECIFICATIONS

Feed size	□ 20mm
Final fineness	□ 75μm
Speed	470rpm
Collector capacity	2.5L
Digital precision	0.01mm
Rated power	1.5KW
Power supply	380V ,50Hz (110V Also available upon request)
Instrument size (W*D*H)	410*880*440mm
Package size (W*D*H)	600*1160*625mm
Weight	136Kg



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