

METAL-FREE GRINDING

With grinding bowls made of zirconium oxide, you can ensure that your samples remain absolutely metal-free.

TECHNICAL DATA

Electrical details

100-240 V/1~, 50-60 Hz, 90 watt

Weight

Net 7 kg

Gross 8 kg

Dimensions w x d x h

Bench top instrument 20 x 30 x 30 cm

Packaging w x d x h

Cardboard box 37 x 25 x 34 cm

Emissions value of workplace according to

DIN EN ISO 3746:2005

Approx. 75 dB(A)

(depending on the material to be ground and grinding bowl/balls used)

Order no.

23.1000.00



Practical and effective: Spherical grinding bowls for easy assembly



Operating panel with integrated, easy-to-clean glass keyboard

IDEAL FOR

Chemical analysis	Comminution and homogenisation of grinding samples for creation of compacts for x-ray fluorescence and infrared spectroscopy (e.g. potassium bromide tablets)
Environmental research	Soils in contaminant analysis, humic acid determination, botanical materials in residue analysis of fertilisers and pesticides, pulping of seeds
Pharmaceuticals and medicine	Kidney and gallstone analysis, breaking up tablets, pharmaceutical ingredients
Forensic analysis	Hair analysis for genetic testing and drug tests, preparation of extremely small particles for chemical analysis, textile fibre and bone analysis
Biotechnology	Comminution of deep frozen tissue samples
Material synthesis	Creating mixtures for catalytic tests on polymers, ceramic analysis



FACTS AND ADVANTAGES

- Fast, reproducible comminution
- Small grinding bowl volumes
- Low contact surface area with grinding elements
- Accessories: Grinding bowls and grinding balls in 4 different materials (ordered separately)
- Grinding bowl oscillations: 900 - 3,000 oscillations/min at 9 mm amplitude
- Regulated oscillation frequency (15 - 50 Hz)
- CE mark

Connect With Us

