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

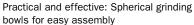
DIN EN ISO 3746:2005

Approx. 75 dB(A) (depending on the mate ial to be ground and grinding bowl/balls used)

Order no. 23.1000.00









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

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