

Sample Grinder HK150

Manual pendulum grinder for fast grinding or iron and steel samples

- Compact desktop machine, dustproof, covered working place, halogen spot light
- Reproducible flat surface, easily operated pendulum arm in taper bearings
- Simple and reliable machine construction
- Specially suitable for hard materials, like white cast irons
- Adaptable to various qualities by special stone cup wheels
- Vertical moving of grinding head by handwheel with 0.1 mm scale
- Clean operation by attaching an external dust exhauster at rearside adapter

Technical specifications:

Grinder motor	3 x 400 V/50 Hz, 1.1 kW (three phases, each 230V) 1 x 230 V/50 Hz 3 x 220 V/60 Hz (USA/Canada)
Instrument dimensions	400 x 400 x 680 mm
Mass	100 kg
Revolution speed	2800 rpm/3440 rpm
Grinding stone	150 x 80 x 32 mm
Grinding height	min. 4 mm, max. 90 mm
Lighting	12 V/20 W halogen

Standard accessory

Vice for sample holding
Grinding stone, tool for stone change
Dressing bar for grinding stone
Transport handles

Optional accessory

Magnetic vice with handle and quick exchange arm
Special vices – bigger vice for max. diam. 58 mm
Hardened vice jaws: 3 mm, 9 mm (regular) and 20 mm
Copper cooling blocks

Corundum / silicon carbide cup wheels 150 x 80 x 32 mm
Spare parts kit: 2 bellows, safety glass, halogen lamp



Magnetic plate with quick exchange arm



Cup wheel, open corundum stone



Vices for different sample diameters



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