

Sample Grinder HK150EXS

Manual pendulum grinder with steel cabinet and integrated spark trap and dust exhauster

- Clean, powerful sample grinding system with stone – ready to go
- Floor standing machine, dustproof, covered working place, halogen spotlight
- Steel cabinet with switch board, dust trap, exhauster and drawer
- 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

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	Grinder 400 x 400 x 680 mm, cabinet 600 x 600 x 870 mm
Mass	Grinder approx. 100 kg, cabinet approx. 50 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
Filter bags / exhauster motor protection filter
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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