

# HK150

## SAMPLE GRINDER



## Pendulum grinder for quick finishing of hard metals

The HK 150 is a manual pendulum grinder for the surface preparation of metal alloys for analysis by X-ray Fluorescence (XRF) and Optical Emission (OE)

- The system is designed to quickly grind a flat and reproducible sample surface to optimise analysis.
- The grinding head can be adjusted in increments of 0.1mm for optimal control.
- The unit can be equipped with several different holders to accommodate samples of various sizes.
- The unit can also be fitted with different grinding wheels to accommodate different materials and sample finishes.
- Grinder is fully enclosed and can be connected to a dust exhaust system for optimal safety and cleanliness.

### Key Benefits Include

- Simple operation for fast manual preparation of metal samples
- Can accommodate different sample sizes
- Multiple grinding stones available for different applications
- Robust construction for long service life

The HK 150 is a fast, simple and robust solution for your metal sample preparation needs. The HK 150 is available as a bench top system or with a cabinet, integrated spark trap and exhaust system (HK150 EXS).

### Technical Specifications

Grinder motor	13 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

