

POLI-1HX

Features

- Automatic single platen \varnothing 250mm grinding/polishing machine
- Equipped with automatic head for polishing processes up to 6 samples at the same time. Possibility to choose two different samples holders as a standard configuration
- Platen and automatic head controlled by digital LCD panels
- Stepless speed and three level constant speed
- Fully programmable, 8 steps process control with automatic stop
- Cooling system to prevent sample overheating
- Recommended for scientific research institutes, metallographic laboratories and universities.



Model	POLI-1HX/250
Platen	1
Platen diameter	250mm
Platen speed	0÷1000rpm
Platen rotational direction	Clockwise/Counterclockwise
Torque	5Nm
Head rotational direction	Counterclockwise
Head speed	50÷200rpm
Sample holder	1 model selected from sample holder table
Sample holding force	0.2÷0.4MPa
Max. sample height	45mm
Head motor power	750W
Noise level	50dB
Operating temperature	0÷30°C
Humidity non-condensing	80%
Water inlet	\varnothing 6mm
Water outlet	\varnothing 25mm
Inlet air pressure	0.5-0.8MPa
Air connection	\varnothing 4
Motor power	550W
Power supply	230V \pm 10% - 50/60Hz - 1Ph
Dimensions	430x760x610mm
Weight	74kg

Standard accessories

1 Sample holder; magnetic plate \varnothing 250mm; anti-sticky disc \varnothing 250mm; adhesive grinding paper \varnothing 250mm, 320# 10pcs; adhesive grinding paper \varnothing 250mm, 1000# 10pcs; inlet water pipe; outlet water pipe

Optional accessories

Model	Description
D-1	Automatic dispenser for diamond/ alumina/silica products
LV-21	Sample leveler plate
PR-XX	Plastic ring reduction selected from \varnothing 22 up to \varnothing 45mm

Sample holders

Model	Number of sample	Holes diameter (mm)
XH-22	6	\varnothing 22
XH-30	6	\varnothing 30
XH-32	6	\varnothing 32
XH-40	6	Three \varnothing 30; three \varnothing 40
XH-45	6	Three \varnothing 30; three \varnothing 45
XH-50	6	Three \varnothing 30; three \varnothing 50



XH-22



XH-30



XH-32



XH-40



XH-45



XH-50