MPD-1A Metallographic grinding and polishing machine

Metallographic grinding and polishing machine • Technical datasheet

Document: MC-DS-MPD-1A-EN • Generated: 2026-11-14


MPD-1A Metallographic grinding and polishing machine

The MPD-1A has sealed water inlet and outlet arrangements that separate flowing water from the circuit board. A large, deep preparation chamber helps contain coolant and polishing-fluid splashes and accommodates larger specimens. Its constant-torque spindle offers continuously variable speed from 50 to 1500 rpm. Coarse grinding, fine grinding and polishing are supported through changes of abrasive paper and polishing disc for metals, ceramics, rocks and electronic components.

Specifications

Model	MPD-1A
Machine body configuration	Benchtop, single disc
Control method	Single disc, single control
Rotation direction	Forward and reverse rotation
Grinding disc speed	Stepless speed control (50-1500r/min) + preset speeds (400, 700, 900, 1400r/min)
Main unit power	750W
Speed control	Servo control
Grinding disc diameter	ϕ230mm (optional ϕ200)
Water spray	Adjustable orientation
Power supply	220V
Dimensions	360*560*270mm (L * W * H)
Weight	19.8KG

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Compiled from published product information. Final configuration follows the technical agreement; confirm options, fixtures and scope with an application engineer.

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