MP-3A Metallographic grinding and polishing machine

Metallographic grinding and polishing machine • Technical datasheet

Document: MC-DS-MP-3A-EN • Generated: 2026-11-14


MP-3A Metallographic grinding and polishing machine

The MP-3A uses waterproof metallographic abrasive papers of different grit sizes and polishing materials to prepare metal, alloy and petrographic specimens. Fixed-speed pairs of 500/1000 or 600/1200 rpm can be set at the factory to customer requirements. Variable operation provides an adjustable range of 100 to 1500 rpm, allowing the user to select a speed for either grinding or polishing.

Specifications

Model	MP-3A
Machine body configuration	Stainless steel cabinet, three discs and cleaning sink
Control method	Three discs with independent controls
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	550W*3
Speed control	Servo control
Grinding disc diameter	ϕ230mm (optional ϕ200)
Water spray	Adjustable orientation
Power supply	220V
Dimensions	1500*560*1050mm (L * W * H)
Weight	90KG

Contact
Phone: 400-8127-833 / +86-21-58391850
Email: shanghai@yr17.net
Address: No.1478 Nanfeng Highway, Fengxian District, Shanghai, China
Website: www.cnnoet.com

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

© 2026 MICROCRE