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DOUBLE DISC POLISHING MACHINE AZA1017

The AZA1017 Double Disc Polishing Machine is a high-performance system engineered for precision metallographic and materialographic surface finishing. It is designed to produce scratch-free, mirror-like surfaces essential for accurate microscopic examination and material characterization.

Featuring a dual-disc configuration, the system enables sequential polishing operations without the need to change discs, significantly improving laboratory efficiency and throughput.



Key Features

- Two independent polishing discs for simultaneous multi-step processing
- Individual variable speed control for precise operation on each disc
- Heavy-duty, vibration-free and corrosion-resistant construction
- Integrated water cooling and flushing system to prevent overheating and debris accumulation
- Quick-change disc platens for fast replacement of polishing media
- Low-noise, smooth operation for operator comfort
- Built-in splash guard bowl for a clean and safe working environment



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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA1017
Type	Double Disc Polishing Machine
Disc Diameter	8" (200 mm) or 12" (300 mm)
Number of Discs	2
Speed Range	50 – 1000 RPM (Variable, stepless)
Drive System	Independent motors for each disc
Body Construction	FRP / Stainless Steel
Cooling System	Integrated water inlet & drainage
Disc Mounting	Quick-change platens
Power Supply	230V AC, Single Phase, 50/60 Hz
Dimensions (Approx.)	700 × 600 × 350 mm
Weight (Approx.)	40 – 60 kg