

ROBOMET

Fully Automated Polisher



PACE TECHNOLOGIES

**Fully Automated
Polisher**

- **Robust**
- **Repeatable**
- **Easy to Use**



- **Fully Automated Preparation**
- **Planar Stone Grinding Station**
- **Four Polishing Stations**
- **Cleaning and Drying Station**
- **Automated Abrasive Dispensing**
- **Easily Programable Siemens Controller**
- **Stainless Steel Constuction**

The ROBOMET polisher is a fully automated, microprocessor controlled polisher. Simply load the samples and start the machine. In several minutes your samples are ground, polished and cleaned. The ROBOMET polisher is well suited for high production metallographic polishing labs requiring repeatability and consistent polishing results.

The ROBOMET automated polisher has 5 rotating disks and a specimen washing / alcohol rinse and air drying station.

The ROBOMET design is very robust and arranged in circle around the powerhead. The powerhead is then rotated to the selected polishing wheel.

The samples are clamped in a specimen holder, which is easily attached to the automatic head. The dispenser nozzles are connected to the head, while the cooling liquid for the grindstone station is contained in a tank within the machine.



The working area is protected by safety plexiglas cover.

The ROBOMET automated polisher can be programmed with up to 60 password protected programs, each with up to 100 steps, divided into groups of 4.



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Technical Specifications

Power Supply	220 Volt 3-phase 380 Volt 3-phase
Dimensions (WxDxH)	1270 x 1100 x 1500 mm
Weight	500 kg (225 lbs)
Construction	Stainless steel / Electroless nickel hard coatings / Acrylic plexiglass
Sample Holder	3-6 1.25-inch diameter samples
Polishing Disks	Four stations 200 mm (8-inch diameter) 0-300 rpm
Stone Grinder	200 mm (8-inch diameter) 2000 rpm Safety cover Recirculating water system
Polishing Head	0-6 bar (0-72 lbs) applied force Clockwise or counterclockwise rotation
Dispenser	7 abrasives or lubricants Venturi dispensing
Cleaning	Water cleaning Alcohol drying
Control panel	Wheel polishing speed Head pressure and direction direction Dispensing pump and cycle time Number of polishing steps Order of each polishing station

Accessories

Stainless steel support bases plates	LSA.003
Aluminum working plates (8-inch / 200 mm)	
Leveling device	LSA.018
Dispensing bottles	
Magnetic base plate	MAG-B08

