

METALLURGICAL
— SUPPLIES —



AUTOMATIC GRINDING/POLISHING MACHINE

META-AUTOPOL

4/4S
6/6S

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META-AUTOPOL 4S/4D

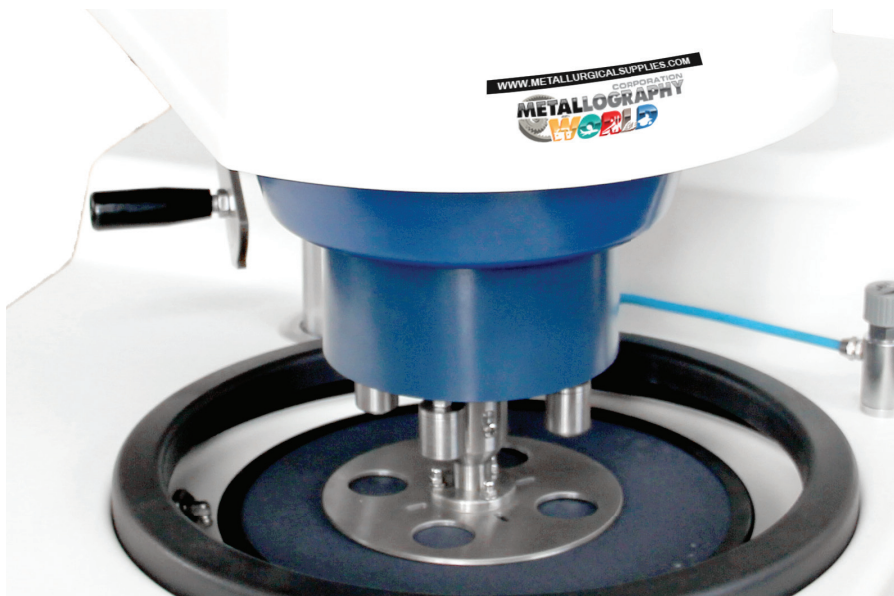
4 SAMPLE INDIVIDUAL FORCE AUTOMATIC GRINDING/POLISHING MACHINE



- 👍 META-AUTOPOL 4S and 4D model automatic grinding /polishing machine adopt international advanced manufacturing technology in accordance with international standards.
- 👍 This series adopts the advanced micrometer control system, which makes grinding disc and grinding head speed step less adjustable, sample preparation pressure, time setting. Operation can only change grinding disc and sandpaper fabric, showing more wide applicability.
- 👍 The machine has the following features such as optional grinding disc rotation, quick-change grinding disc, vertical preparation fixture pneumatic single point loading.
- 👍 This machine has cooling device and abrasive sourcing nozzle ,equipped with beautiful and practical ABS sheel, stainless steel standard parts, and it is never rust.

META-AUTOPOL 4S/4D

SPECIFICATIONS



MODEL	META-AUTOPOL 4S	META-AUTOPOL 4D
Grinding Disc Quantity	1	2
Grinding Disc Diameter	ø250 mm / 300 mm	ø250 mm
Grinding Disc Speed	50-1000 RPM & 150/300 RPM	
Grinding Disc Rotation	Clockwise or Counter-Clockwise	
Preparation Sample Quantity	4 PCS	
Grinding Head Speed	5-100 RPM	
Loading Range	5-60 N	
Sample Preparation Time	0-9999 S	
Sample Diameter	ø30 mm (22 mm or 45 mm)	
Lighting	LED	
Air Source Pressure	0.6-0.8 MPA	
Input Voltage	220V/50 HZ	
Input Power	1.3 kw	
Dimension	790 * 566 * 677 mm	730 * 710 * 635 mm
Net Weight	93 kg	98 kg

META-AUTOPOL 6S/6D

6 SAMPLE INDIVIDUAL FORCE

AUTOMATIC GRINDING/POLISHING MACHINE

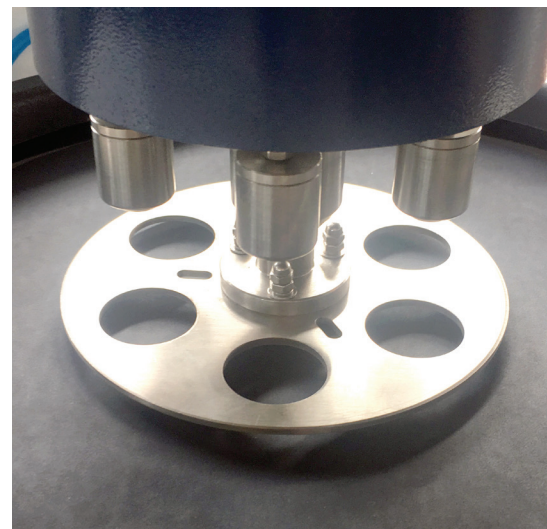
META-AUTOPOL 6S/6D is an automatic polishing machine using advanced sample preparation capabilities, so sample preparation results is with consistency and reproducibility. It is applicable for rough and fine grinding/polishing processes.

This machine adopts the advanced microprocessor control system, which control sample preparation process. Grinding disc support bidirectional rotation, speed within a predetermined range can be adjusted. Pneumatic single point loading, it can support up to grinding and polishing 6 pieces specimen simultaneously, also suitable for the single specimen. sample preparation pressure, time setting is intuitive and convenient.



META-AUTOPOL 6S/6D

SPECIFICATIONS



MODEL	META-AUTOPOL 6S	META-AUTOPOL 6D
Grinding Disc Quantity	1	2
Grinding Disc Diameter	ø 250 mm	ø 250-300 mm
Grinding Disc Speed	50-1000 rpm & 150/300 rpm	
Grinding Disc Rotation	50-100 rpm	
Preparation Sample Quantity	Clockwise & Counter-Clockwise	
Grinding Head Speed	5-60 N	
Loading Range	0-9999 S	
Sample Preparation Time	ø 30 mm (22 mm & 45 mm)	
Sample Diameter	6 PCS	
Lighting	0.6-0.8 MPa	
Air Source Pressure	LED	
Input Voltage	AC 220V 50 HZ	
Input Power	1 Kw	1.3 Kw
Dimension	730mm * 710mm * 635mm	730mm * 710mm * 635mm
Net Weight	93kg	98kg

META-AUTOPOL ADS 5

OPTIONAL ACCESSORIES

AUTOMATIC DOSING SYSTEM (ADS)

5 Manual/Automatic Digital

Dripping Device adopts the advanced microcontroller with the characteristics of compact structure, reliable operation, strong anti-interference ability. It is available in all kinds of grinding/polishing machines, polishing machines.

The polishing liquid will drip onto the grinding disc and the loading plate, so as to achieve the purpose of polishing.

