

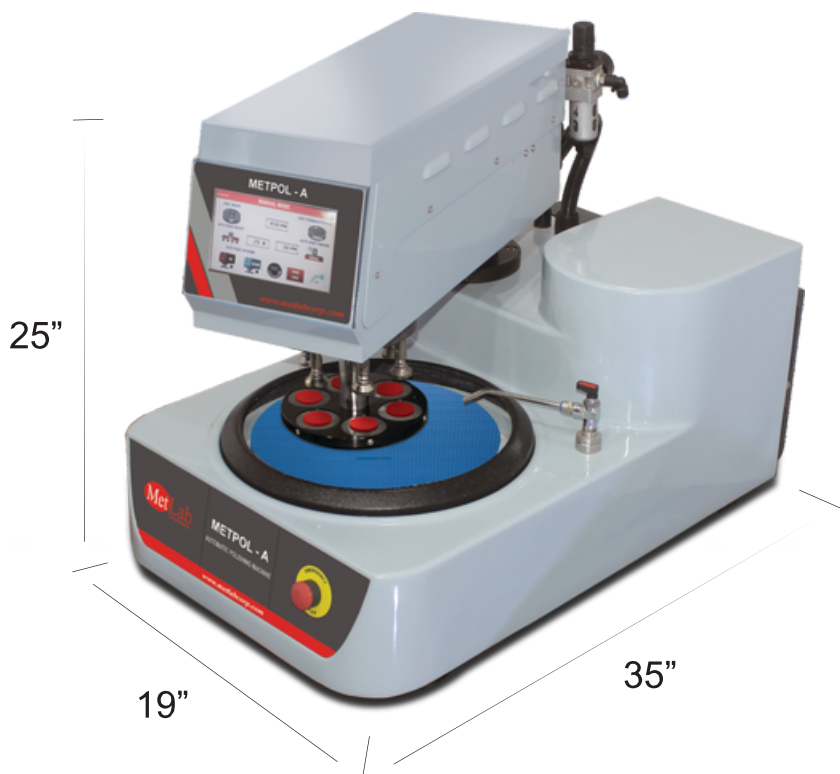


METPOL A

SINGLE DISC AUTOMATIC
GRINDER / POLISHER
8"/10"/12" wheel



MetLab
Corporation



METPOL A

SINGLE DISC AUTOMATIC GRINDER / POLISHER 8" / 10" / 12" Wheel

METPOL A Automatic Variable Speed Grinder / Polisher. User friendly advanced LCD touch screen, Setting of head Up / Down , Disc Direction, Head direction, HHead speed, Individual force can be controlled through the Touch Screen. Ideal choice for the laboratories looking for quality and reproducible results

Grinding



Polishing



6 Moulds with Multiple size 1¼", 1½", 2"



PLC BASED TOUCH SCREEN



- Model: METPOL A (Single disc 8"/10"/12")
- Automatic Polishing Machine for finer polishing surface on Metallographic, Ceramic, Geological Samples
- Single/Individual Pressure Specimen loading
- Detachable Coolant Jet for manual cleaning of bowl after operation
- With Interchangeability of Specimen Sizes of 1 ¼", 1 ½" & 2", (30, 40 & 50 mm)
- Facilitates permanent fixing of Magnetic disc

- Splash Guard to avoid spilling of water during polishing
- Coolant Jet to minimize heating of samples during operation
- Advanced PLC based Touch Screen System
- Pre Set Programming
- Data base Storage system up to 50
- Automatic specimen head with 180 Watt Independent Polishing Head Motor

TECHNICAL SPECIFICATIONS

MODEL: METPOL A

Wheel Size	8"/10"/12" (203 / 254 / 305 mm)
Motor Power	1 Hp High torque AC Motor
Wheel Speed Variable	50 - 600 rpm
Pressure on sample	10 - 90 N
Dimensions	25" X 19" X 35"
Weight	165 Lbs (78 kg)
Main	110V, 1Phase, 50/60 Hz

Polishing Head

180 Watt Independent Powered Head

Head variable speed : 50 - 150 RPM

Holder size : 1¼" Standard (Option 1½", 2")

Motorised Movement : Up & Down

Direction : Clockwise & Anticlockwise rotation

Max. No of moulds : 6

ACCESSORIES

32 01	8" Aluminium Wheel
32 02	10" Aluminium Wheel
32 03	12" Aluminium Wheel
32 04	8" Splash Guard
32 05	10" Splash Guard
32 06	12" Splash Guard
32 07	8" / 10" Cover
32 09	12" Cover
PHB-8	8" Paper Holding Band
PHB-10	10" Paper Holding Band
PHB-12	12" Paper Holding Band
CHB-8	8" Cloth Holding Band
CHB-10	10" Cloth Holding Band
CHB-12	12" Cloth Holding Band



Optional

Automatic / Manual with variable Dosing Unit
(3 x Diamond Suspension and 1 x Lubricant)



Wheel (Disc)



Splash Guard



Cloth holding Paper



Paper Holding Band



Cover



Inlet hose



Spacer & Sample Holder



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