

Forcipol 300-1V Grinder & Polisher with Forcimat TS polishing head for thin sections



Specification

- Single plate machine
- Single powerful high-torque motor (1.5 HP)
- Plate Ø 300mm
- Variable Speed: 50 to 600rpm
- FORCIMAT automatic polishing head TS
 - Pneumatically adjustable individual force (5N to 60N)
 - Up to 6 specimens (6 x Ø 40mm samples; 4 x Ø 50mm samples)
 - 90W motor
 - Low rotation speed: 12 rpm
- Dimensions: 420mm x 730mm x 350mm
- Weight: 37 Kg
- Electricity: 220-1-50

The FORCIPOL 300-IV with FORCIMAT-TS polishing head is an automatic system for thin sections. The FORCIPOL 300-1V Grinder and Polisher has a variable speed between 50-600 rpm. It is ideal for large specimens due to its 300mm diameter plate.

The FORCIPOL is highly durable. The drive elements are fixed on heavy duty aluminium alloy casting. The wheels are mounted on ball bearings allowing the application of high pressures to prepare even large specimens. Ball bearings provide quiet and vibration free operation. Water inlet and flexible water outlets with control valves for wet grinding are standard features. Motor on / off and water on / off buttons are mounted on the front panel.

FORCIPOL, when coupled with FORCIMAT-TS becomes an automatic thin section preparation system. FORCIMAT-TS is an automatic head with low speed for thin section and petrographic sample preparation. The force is individually applied and adjustable from the front panel. Thin section holders exist to ensure plane and perfect surfaces.

LAP-TS specimen holder with boron carbide stops for lapping thin sections, 50mm diameter; POL-TS specimen holder for polishing of thin sections, 50mm diameter ensure plane and perfect surfaces.

Kemet International Limited

Parkwood Trading Estate, Maidstone, Kent ME15 9NJ

Tel: 01622 755287 Fax: 01622 670915

Email: sales@kemet.co.uk Web: www.kemet.co.uk