

Forcipol 300-1V Grinder & Polisher with Forcimat head



Specification

- Single plate machine
- Single powerful high-torque motor (1 HP)
- Plate Ø 300mm
- Variable Speed: 50 - 600rpm
- FORCIMAT automatic polishing head
 - Pneumatically adjustable individual force (5N to 60N)
 - Up to 6 specimens (4 x Ø 40mm samples; 4 x Ø 50mm samples)
 - Specimen holder rotating at 120 rpm
- 60W motor
- Dimensions: 420mm x 730mm x 350mm
- Weight: 37 Kg
- Electricity: 220-1-50

The Kemet preparation systems are suitable for all metallographic applications such as grinding, lapping and polishing. The Kemet 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.

When the number of specimens to be prepared increases, FORCIPOL machines can be fitted with FORCIMAT automatic head for automation. FORCIMAT automatic head provides high rate of sample preparation and frees the operator from grinding and polishing procedures. FORCIMAT applies individual pressure on each sample and can prepare up to 6 samples simultaneously.

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