

Forcipol 1S Grinder & Polisher



The Kemet preparation systems are suitable for all metallographic applications such as grinding, lapping and polishing. The Kemet FORCIPOL 1S Grinder and Polisher has a high variable speed between 100-1200 rpm. It is suitable for polishing cast iron and final polishing of a wide variety of materials with a short polishing time.

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 6 samples simultaneously.

Specification

- Single plate machine
- Single powerful high-torque motor (0.75 HP)
- Plate Ø 200 to 250mm
- Variable speed: 100 - 1200rpm
- Can be used with FORCIMAT automatic polishing head
- Dimensions: 380mm x 690mm x 340mm
- Weight: 30 Kg
- Electricity: 220-1-50

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