

Forcipol 2V Grinder & Polisher with Forcimat Head



The Kemet preparation systems are suitable for all metallographic applications such as grinding, lapping and polishing. The Kemet FORCIPOL 2V Grinder and Polisher has two platens with variable speed range between 50 and 600 rpm. One disc can be used for grinding while the other disc can be used for polishing. FORCIPOL 2V is ideal for labs which have a wide variety of samples to process.

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

- Twin plate machine
- Single powerful high-torque motor (0.75 HP)
- Plate Ø 200 to 250mm
- Variable Speed: 50 – 600 rpm
- 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)
- Electricity: 220-1-50

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