

## Forcimat Head



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

The FORCIMAT automatic head is mounted on a rigid hardened post which is fixed to the base of the FORCIPOL grinder / polisher. It can be adapted to all FORCIPOL series grinders / polishers, and is easily and rapidly positioned by means of a quick-locking clamping mechanism.

The sample holder can prepare 6 samples simultaneously and is driven by a 60W DC motor at 120 rpm. The pneumatically applied individual force is adjustable between 5N-60N via the front panel.

An adjustable and exchangeable drip lubricator is standard and the dosing level is done through an adjustable flow valve. A choice of easily exchangeable samples holders with set of rings from 25mm to 50mm diameter are available.

### Specification

- Microprocessor controlled
- Pneumatically adjustable individual force loading system (5N to 60N)
- Sample Capacity: 1 to 6 (6 x Ø 40mm samples; 3 x Ø 50mm samples)
- Front panel with touch pad controls
- Specimen rotating at 120 rpm
- 60W DC motor
- Quick locking swing mounted design
- Audible warning signal
- Steel mounting column with standard drip lubricator
- Compressed air: 6 bar
- Dimensions: 230mm x 430mm x 250mm. Weight: 16 Kg
- Electricity: 220-1-50

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### 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