

# Kemet

## Series 20

### BENCH MOUNTED PRECISION DIAMOND FLAT LAPPING & POLISHING MACHINES



The Kemet 20 is a bench mounted Lapping Machine of rigid metal construction with a Work Table, adjustable for height. It incorporates a digital Process Timer and a fully automatic Liquid Diamond Dispensing System.

- Produces optically flat surfaces with high precision surface finish.
- Reduced waste - only small quantities of diamond abrasive and non-toxic fluids are used.
- Reduces lapping costs - fully controllable Kemet Electronic Dispensing System accurately meters diamond abrasive onto the lapping plate.
- Built in Abrasive System for conditioning Kemet plates.
- Electrical System complies with EN 60 204.

# Kemet<sup>®</sup> Series 20

BENCH MOUNTED PRECISION DIAMOND FLAT LAPPING & POLISHING MACHINES

## TECHNICAL DATA

Fixed Speed  
3 Phase  
(Open Face)

Variable  
Speed Single  
Phase  
(Open Face)

**KEMET 20  
FIXED SPEED  
3 PHASE**  
For all diamond  
flat lapping  
applications.

Height	700mm	700mm
Working Height	385mm	385mm
Width	950mm	950mm
Depth	780mm	780mm
Nett Weight	245kg	245kg
Lapping Plate Diameter	508mm	508mm
No of conditioning rings	3	3
Inside Diameter of Conditioning Rings	191mm	191mm
Main Motor	0.75kW	0.75kW
Abrasive Pump Motor	0.06kW	0.06kW
Air requirements	1 Bar min 5 Bar max	1 Bar min 5 Bar max
Electronic Dispensing equipment	Standard	Standard
Digital Tachometer	N/A	Standard
Hand Weights	5kg standard	5kg standard
Lift Off Disc Assembly	Optional	Optional
Shoulder Lapping Conversion	Optional	Optional
Metallurgical Polishing Conversion	Optional	Optional
Electrical Supply	3 Phase 415v 50Hz or 380v 50Hz	Single Phase 230v 50 Hz
	Special voltages are available on request	

**KEMET 20  
VARIABLE SPEED  
SINGLE PHASE**  
For diamond flat  
lapping applications  
where variable speed  
control is required

Although the details shown are correct at time of printing, Kemet International Ltd reserve the right to alter or modify the specification of their products without prior notification.

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