

Kemet

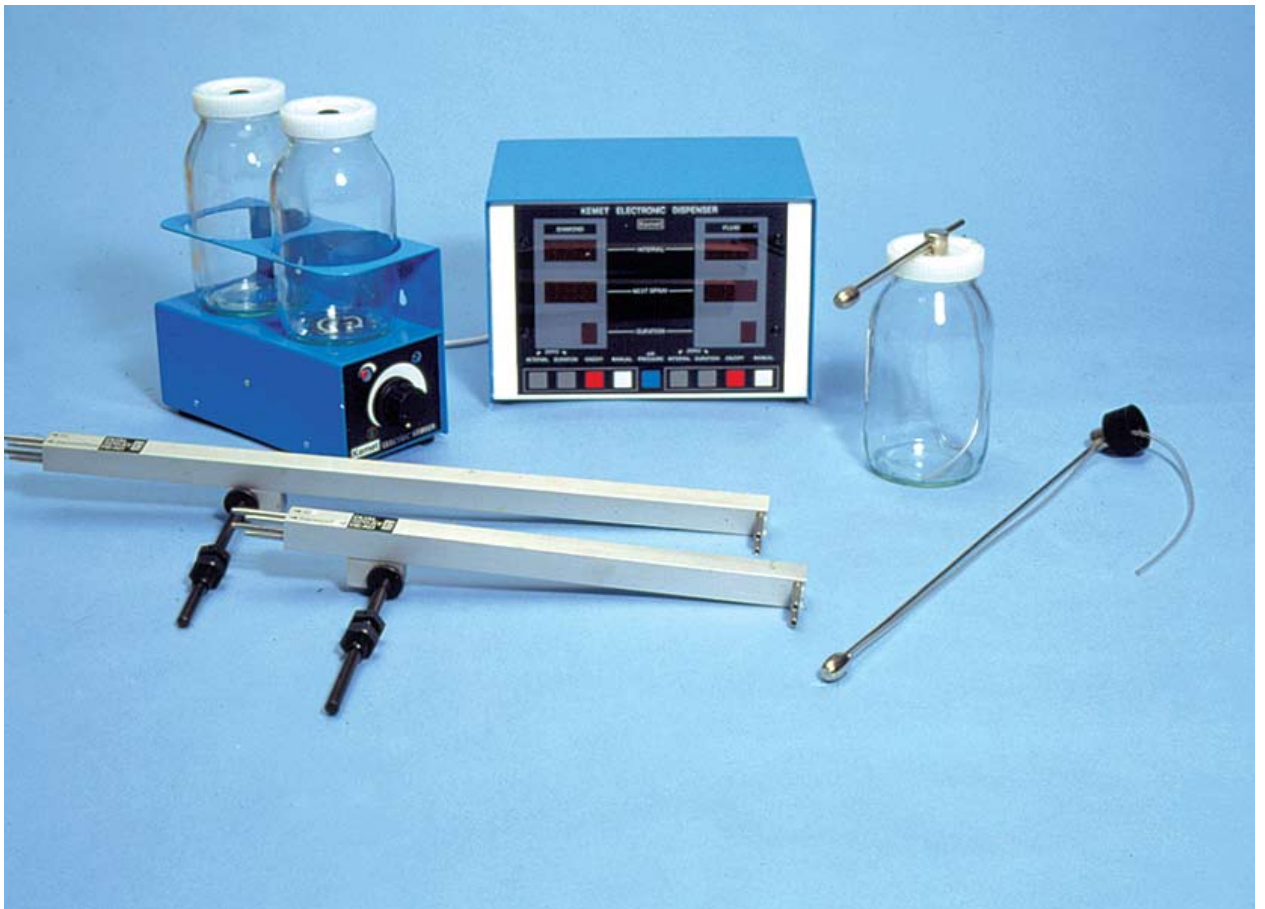
Dispensing Systems

The Kemet Electronic Dispenser distributes Kemet Liquid Diamond and Lubricating Fluid by means of touch sensitive settings. The digital display shows dispensing intervals, durations and air pressure at a glance. Dispensing is achieved to an accuracy of 0.2 gm, eliminating wastage and simplifying cost control.

The Kemet Liquid Diamond Stirrer Unit maintains a consistent distribution of diamond particles within the slurry by using a small non-contaminant plastic coated paddle magnet, which ensures even diamond suspension. The Kemet Dual Dispensing Bar can be positioned to dispense Liquid Diamond and Lubricating Fluid accurately on to the plate without spray bounce.

Features

- Supplied as standard with Kemet Flat Lapping and Polishing Machines and Plates
- Easily fitted to existing conventional Flat Lapping Machines to improve productivity
- Fully controlled metering of Kemet Liquid Diamond and Lubricating Fluid using independent pressure and time settings
- Easy to install and operate
- Electrical system complies with EN60 204.



Kemet Electronic Dispenser

Dispenses Kemet Liquid Diamond and Lubricating Fluid automatically at pre-set intervals in conjunction with a lapping and polishing machine cycle timer.

Height	150mm	Air requirements	1 Bar min 5 Bar max	Adjustable duration of spray	1-9 seconds
Width	230mm	Air pressure	Dual circuit	Adjustable intervals of spray	1-999 seconds
Depth (exc. air filter)	150mm	Air pressure display	Bar or psi	Spray memory	Standard
Nett Weight	3.74kg			Manual override	Standard
CODE	360499			Electrical supply	110v or 220 - 240v 50 or 60Hz (self adjusting for supply voltage & frequency)



Kemet Liquid Diamond Stirrer Unit

Quiet electric unit has fully variable speed control and is provided with a magnetic stirrer paddle.

Height	120mm
Width	90mm
Depth	215mm
Electrical supply	50 or 60Hz 230V 110V

CODE	360534	360536
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Kemet Dual Dispensing Bar & Bottles

Supplied complete with two bottles and plastic tubing. Fully adjustable head for vertical and radial positioning.

	Standard	Long
Length	340mm	495mm
Reach	260mm	415mm
Adjustable height	100mm	100mm
Section of head	20mm x 20mm	
Bottle capacity	400ml	400ml

CODE	360511	360510
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Kemet Single Spray Head

Supplied with bottle, cap and plastic tubing.

	Standard	Long	Extra Long
Length	130mm	250mm	380mm

CODE	360517	360514	360512
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Kemet

Flatness Measuring Equipment

For use with Kemet Flat Lapping and Polishing Systems, Kemet Flatness Measuring Equipment is designed to assist in the measurement and maintenance of surface flatness.

Kemet Monochromatic Light

Produces clear flatness readings when used with Kemet Optical Flats. The compact designed Light is easily transportable and uses a sodium long-life light source. Supplied with a flatness reading interpretation chart.



Kemet Monochromatic Light		CODE
Monochromatic Light	230V 50 or 60 Hz	361201
	110 V	361211

Kemet Monochromatic Light

Kemet Flatness Gauges

The Flatness Gauges are used to monitor lapping plate flatness, which, in turn, gives an indication of component flatness. Available for most machine sizes, in metric calibration, the gauges are supplied in a case with a master setting block. Full instructions are provided.



9" Flatness Gauges

Kemet Flatness Gauge		CODE METRIC
Type L	Suitable for Lapping Plates over 380mm (15") dia.	361304

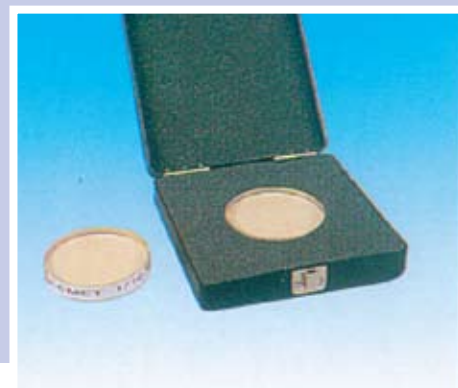


Flatness Reading Wall Charts are available upon request

Kemet Optical Flats

Produced from Quartz, Kemet Optical Flats are available in single and double sided, standard sizes from 25mm up to 300mm diameter. They are supplied with Certificate of Conformity together with full instructions. National Physical Laboratory Certificates are also available. Special optical flats are available on request. Kemet offers an optical flat reconditioning and calibration service.

Kemet Optical Flats			CODE	CODE
Diameter mm	Accuracy in	Light Bands	Single sided	Double sided
25	1	1/4	361220	361237
25	1	1/10	361221	361238
50	2	1/4	361222	361215
50	2	1/10	361223	361239
75	3	1/4	361224	361705
75	3	1/10	361225	361240
100	4	1/4	361226	361210
100	4	1/10	361227	361241
125	5	1/4	361228	361242
125	5	1/10	361229	361214
150	6	1/4	361123	361216
150	6	1/10	361231	361243
200	8	1/4	361232	361219
200	8	1/10	361233	361244
250	10	1/4	361234	361217
250	10	1/10	361235	361245
300	12	1/4	361218	361246
300	12	1/10	361236	361247



Kemet Optical Flats

Kemet

Hand Lapping Kits

Kemet Portable Hand Lapping Kits

Leaking pumps, valves and seals cause many problems, leading to wastage, poor performance, unnecessary costs, even health hazards. Kemet Portable Lapping Kits enable refurbishment to be carried out on site, reducing expensive downtime. Components manufactured from ceramics, tungsten carbide, stellite, brass, steel, silicon carbide, ni-resist etc, can be lapped and/or polished by hand in minutes rather than hours. The kits are also ideal for low volume production, where it is not economical to purchase a lapping or polishing machine.



Type L Kit for lapping

Contains:

- Kemet Iron Plate (for lapping), 348mm dia., with concentric grooving.
- 1 x 10g Kemet Diamond Compound Application Stick - 25 micron
- 1 x Kemet OS Lubricating Fluid
- 1 x Case with operating instructions.

Type P Kit for polishing

Contains:

- Kemet XP Plate (for polishing), 348mm dia., with concentric grooving.
- 1 x 10g Kemet Diamond Compound Application Stick - 3 micron
- 1 x Kemet OS Lubricating Fluid
- 1 x Case with operating instructions.

3 Lap Kit for lapping and polishing

Contains:

- Kemet Iron Plate (for lapping), 150mm dia., with non skid backing
- Kemet XP Plate (for smoothing), 150mm dia., with non skid backing
- Kemet Tin Plate (for polishing), 150mm dia., with non skid backing
- 1 x 10g Kemet Diamond Compound Application Stick – 25 micron
- 1 x 10g Kemet Diamond Compound Application Stick – 8 micron
- 1 x 10g Kemet Diamond Compound Application Stick – 3 micron
- 1 x Kemet OS Lubricating Fluid
- 1 x Case with operating instructions.

Kemet Hand Lapping Kits	CODE
TYPE L KIT	352216
TYPE P KIT	352208
3 LAP KIT	352206