

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

Kemet Monochromatic Light

Kemet Flatness Gauges

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



Kemet Flatness Gauge		CODE IMPERIAL	CODE METRIC
Type S	Suitable for Lapping Plates up to 380mm (15") dia.	361301	361303
Type L	Suitable for Lapping Plates over 380mm (15") dia.	361302	361304



Flatness Reading Wall Charts are available upon request

Kemet Optical Flats

Produced from glass ceramic, 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	Accuracy	Light Bands	Single sided	Double sided
mm	in			
25	1	1/4	361143	361101
25	1	1/10	361125	361182
50	2	1/4	361175	361102
50	2	1/10	361157	361119
75	3	1/4	361144	361103
75	3	1/10	361117	361118
100	4	1/4	361104	361105
100	4	1/10	361110	361106
125	5	1/4	361124	361120
125	5	1/10	361191	361173
150	6	1/4	361142	361107
150	6	1/10	361108	361109
200	8	1/4	361158	361164
200	8	1/10	361126	361145
250	10	1/4	361159	361141
250	10	1/10	361127	361128
300	12	1/4	361172	361130
300	12	1/10	361129	361131

