

Microscopy

Measuring Microscopes

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With eyepiece graticule scale. Can be used hand-held or on the bench. A knurled sleeve provides focusing adjustment of 20mm. Readings can be made in daylight but for difficult subjects a battery powered adjustable light source is fitted. The image provided is inverted and reversed. Scale details given are range/subdivisions. Overall height 200mm. Weight 0.35kg.

	Mag.	Field mm	Scale mm/ μ m
MK600-15	40X	2.5	2 / 10
MK600-25	100X	1.3	1 / 10



MK600

Eyepiece Graticules

For use with light microscopes. Surface type where the pattern is formed in a layer bonded to the surface of the glass disc 1mm thick. In this type the pattern reads correctly when viewed through the glass. When the microscope is focussed the image of the specimen and graticule will be seen together.

Horizontal

Calibration 10mm x 0.1mm.

ML200-15 19mm diameter

ML200-20 21mm diameter

Crossed

Calibration 10mm x 0.1mm.

ML205-15 19mm diameter

ML205-20 21mm diameter

Indexed Squares

1mm grid squares with each square numbered.

ML215-15 19mm diameter

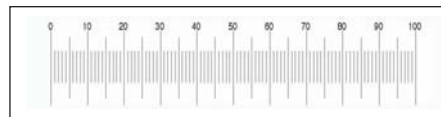
ML215-20 21mm diameter

Particle Size Counting

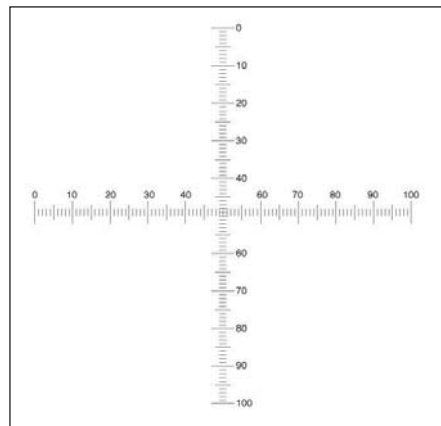
To BS3625. Range 150 μ m to 0.38 μ m.

ML220-15 19mm diameter

ML220-20 21mm diameter



ML200



ML205

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

ML215

Stage Micrometers

Used to calibrate eyepiece graticules.

Horizontal Scale

Mounted on 76 x 26mm glass slide. For use with transmitted light.

ML250-15 0.1 x 0.002mm

ML250-20 1.0 x 0.01mm

ML250-25 10 x 0.1mm

Vacuum deposited, chrome image on a square of glass with a cover glass cemented on top and mounted on a stainless steel slide mount. Also available with UKAS certificate of calibration. For use with transmitted light.

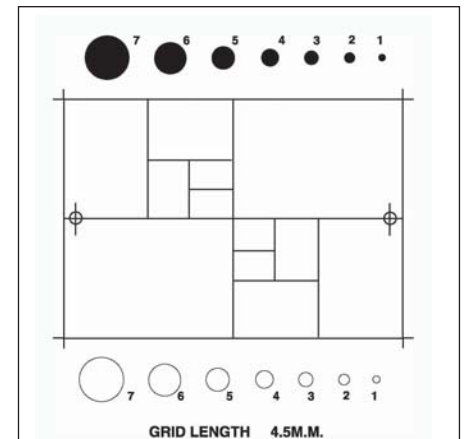
ML250-37 20 x 0.01mm

ML250-42 20 x 0.01mm, UKAS certified

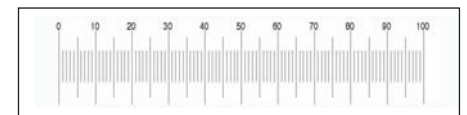
Lightboxes – see LM630.

Illuminated magnifiers – see MB235/MB245.

Magnifiers with aperture scales – see MB135 in the Magnifiers section.



ML220



ML250