

OLYMPUS

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OLYMPUS AMERICA INC.
PRECISION INSTRUMENT DIVISION

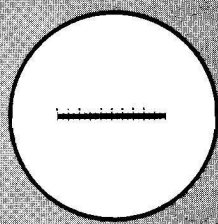


FIG. 1

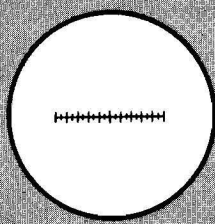


FIG. 2

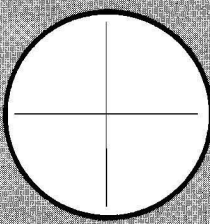


FIG. 3

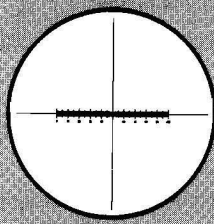


FIG. 4

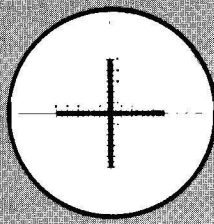


FIG. 5

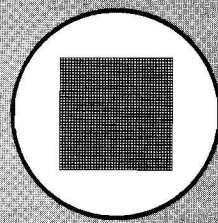


FIG. 6

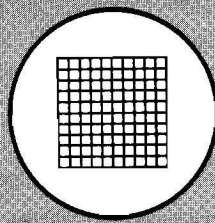


FIG. 7

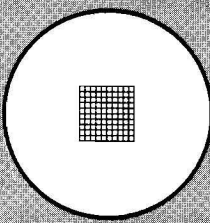


FIG. 8

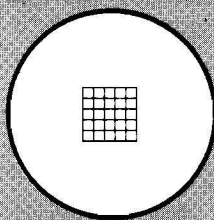


FIG. 9

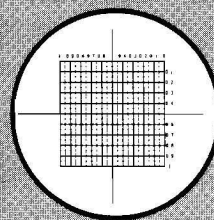


FIG. 10

MICROMETER DISCS

SPECIFICATION SHEET

EFFECTIVE: JULY 15, 1995

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CAT. #	FIG.	PRODUCT DESCRIPTION
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**19MM DIAMETER, FOR FK, P,H,K,G20X, HEPWF 10X EYEPIECE,
ALL WK EYEPIECES AND CWHK10X EYEPIECE**

37 ⁹⁵	2	B-0501	1	19mm Diameter Micrometer Disc, linear metric, 10mm divided into 100 units.
37 ⁹⁵	2	B-0505	2	19mm Diameter Micrometer Disc, Linear inch, 0.4" divided into 40 units.
	3	B-0502	3	19mm Diameter Micrometer Disc, crosshair.
46 ⁹⁵	2	B-0507	4	19mm Diameter Micrometer Disc, Crosshair, 10mm divided into 100 units (X-axis).
	5	B-0506	5	19mm Diameter Micrometer Disc, Crosshair, 10mm divided into 100 units (X & Y axes).
53 ⁹⁵	1	B-0503	6	19mm Diameter Net Micrometer Disc, 10mm square divided into 10,000 squares.
53 ⁹⁵	2	B-0509	7	19mm Diameter Micrometer Disc, Net, 10mm square divided into 100 squares.
	8	B-0504	8	19mm Diameter Micrometer Disc, Net, 5mm square divided into 100 squares.
53 ⁹⁵	1	B-0508	9	19mm Diameter Micrometer Disc, Net, 5mm square divided into 25 squares.

20.4MM DIAMETER, FOR ALL WHK & NFK EYEPIECES

B-L0501	1	20.4mm diameter micrometer disc, Linear metric, 10mm divided into 100 units.
B-L0502	3	20.4mm diameter micrometer disc, crosshairs.
B-L0506	5	20.4mm diameter micrometer disc: Crosshair, 10mm divided into 100 units (x & y axes).
B-L0507	4	20.4mm diameter micrometer disc: Crosshair, 10mm divided into 100 units (x axis).
B-L0509	7	20.4mm diameter micrometer disc: Net, 10mm square divided into 100 squares.
B-L0503	6	20.4mm diameter micrometer disc: Net, 10mm square divided into 10,000 squares.
B-L0504	8	20.4mm diameter micrometer disc: Net, 5mm square divided into 100 squares.
B-L0505	-	20.4mm diameter micrometer disc: Net, 7mm square divided into 49 squares.
B-L0508	9	20.4mm diameter micrometer disc: Net, 5mm square divided into 25 squares.

22MM DIAMETER, FOR G10X (F.N. 20), G10X-H (F.N. 20) AND G-15X EYEPIECES

S-0501	1	22mm diameter micrometer disc. Linear metric, 10mm divided into 100 units.
S-0505	2	22mm diameter micrometer disc. Linear inch, 0.4" divided into 40 units.
S-0503	3	22mm diameter micrometer disc, with crosshair.
S-0507	4	22mm diameter micrometer disc. Crosshair, 10mm divided into 100 units (x-axis).
S-0509	5	22mm diameter micrometer disc. Crosshair, 10mm divided into 100 units (x & y axes).
S-0511	7	22mm diameter micrometer disc. Net, 10mm square divided into 100 squares.
S-0513	8	22mm diameter micrometer disc. Net, 5mm square divided into 100 squares.
S-0515	9	22mm diameter micrometer disc. Net, 5mm square divided into 25 squares.

CAT. #	FIG.	PRODUCT DESCRIPTION
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24MM DIAMETER, FOR GWSH, GWH10X, GW10X (F.N. 22) AND FOR SWHK10X (F.N. 26.5) EYEPIECES*

WHSZ10X
(2-S110)

- | | | |
|--------|---|--|
| S-0502 | 1 | 24mm diameter eyepiece micrometer disc. Linear metric, 10mm divided into 100 units. |
| S-0506 | 2 | 24mm diameter eyepiece micrometer disc. Linear inch, 0.4" divided into 40 units. |
| S-0504 | 3 | 24mm diameter eyepiece micrometer disc, with crosshair. |
| S-0508 | 4 | 24mm diameter eyepiece micrometer disc. Crosshair, 10mm divided into 100 units (x-axis). |
| S-0510 | 5 | 24mm diameter eyepiece micrometer disc. Crosshair, 10mm divided into 100 units (x & y axes). |
| S-0512 | 7 | 24mm diameter eyepiece micrometer disc. Net, 10mm square divided into 100 squares. |
| S-0514 | 8 | 24mm diameter eyepiece micrometer disc. Net, 5mm square divided into 100 squares. |
| S-0516 | 9 | 24mm diameter eyepiece micrometer disc. Net, 5mm square divided into 25 squares. |

RETICLES FOR SWHK10X SUPERWIDE EYEPIECES*

In the SWHK 10X Superwide eyepiece (Cat. #2-LB331) it is very difficult to position a reticle in the front focal plane of the eyepiece. Therefore, it is necessary to purchase and convert a reticle eyepiece to achieve the desired result. A 35-SWHK10X field-of-view eyepiece (Cat. #2-LC403) has its photomask reticle removed, and replaced with the user's choice of a 24mm diameter micrometer disc positioned on the reticle shelf. This approved conversion may be made by any authorized Olympus microscope repair service dealer. Our Woodbury P.I.D. Service Department can also switch these reticles.

26MM DIAMETER, FOR GWH-10-D (F.N. 24) EYEPIECES

- | | | |
|---------|----|---|
| B-L0521 | 1 | 26mm diameter micrometer disc: Linear Metric, 10mm divided into 100 units. |
| B-L0518 | 3 | 26mm diameter micrometer disc, crosshairs. |
| B-L0519 | 5 | 26mm diameter micrometer disc: Crosshair, 10mm divided into 100 units (X and Y axes). |
| B-L0520 | 10 | 26mm diameter micrometer disc: Net, 10mm square divided into 100 squares. |
| B-L0522 | - | 26mm diameter micrometer disc: Photomask for 35mm photography. |

24MM DIAMETER, 1.5MM THICK, FOR WH EYEPIECES

- | | | |
|--------|---|--|
| 9-U210 | 1 | U-OCM10/100: 10mm divided into 100 units micrometer for WH10X, WH10X-H and WH15X. |
| 9-U211 | 3 | U-OCMCROSS: Crosshair micrometer for WH10X, WH10X-H and WH15X. |
| 9-U212 | 4 | U-OCM10/100X: Crosshair and scale on X axis micrometer for WH10X, WH10X-H and WH15X. |

CAT. #	FIG.	PRODUCT DESCRIPTION
9-U213	5	U-OCM10/100XY: Crosshair and scale on X & Y axis micrometer for WH10X, WH10X-H and WH15X.
9-U214	9	U-OCMSQ5/5: Net 5mm divided into 25 squares micrometer for WH10X, WH10X-H and WH15X.
9-U215	-	U-OCMSQ7/7: Net 7mm divided into 49 squares micrometer for WH10X, WH10X-H and WH15X.
9-U216	8	U-OCMSQ5/10: Net 5mm divided into 100 squares micrometer for WH10X, WH10X-H and WH15X.
9-U217	7	U-OCMSQ10/10: Net 10mm divided into 100 squares micrometer for WH10X, WH10X-H and WH15X.
9-U218	6	U-OCMSQ10/100: Net 10mm divided into 10,000 squares micrometer for WH10X, WH10X-H and WH15X.

RETICLES FOR SWH10X SUPERWIDE EYEPIECES

In the SWH10X superwide eyepiece (Cat # 2-U500H) it is not possible to position a reticle in the front focal plane of the eyepiece. Therefore, it is necessary to purchase and convert a reticle eyepiece to achieve the desired result. A 35-SWH10X field-of-view eyepiece (Cat #2-U503) can have its photomask reticle removed, and replaced with the user's choice of a 28mm diameter micrometer disc positioned on the reticle shelf. Olympus does not have 28mm diameter reticles at the present time so you need to go to a custom reticle maker to supply it. This approved conversion can be made by any authorized Olympus microscope repair service dealer. Our Woodbury P.I.D. Service Department can also switch these reticles.

STAGE MICROMETERS

- B-0550 - Stage Micrometer-Metric 1mm/100 parts, on microscope slide for transmitted light.
- B-0551 - Stage Micrometer-Inch 0.04"/40 parts, on microscope slide for transmitted light.
- M-0550 - Stage Micrometer, metric 1mm divided into 100 units, for reflected light.
- M-0551 - Stage Micrometer, inch, 0.04" divided into 40 units, for reflected light.