



MEC4 Inverted Metallurgical Microscope

CATALOG #	DESCRIPTION	LIST PRICE
14620	<p><i>Inverted Metallurgical Microscope</i> Trinocular viewing head, inclined at 45°, IPD 54mm -75mm Viewing split: 100% Binocular or 20% Binocular / 80% Trinocular WF10x/22mm focusing eyepieces with roll-down eyeguards Infinity M Plan Achromat LWD 5x,10x, 20xR and semi-apo 50xR objectives Quintuple nosepiece 5 watt variable LED illuminator Coaxial coarse and fine focusing controls Attachable mechanical stage with right hand coaxial controls, movement range 120 x 78mm ø12mm and ø25mm teardrop stage plate inserts (for fixed and mechanical stages) Simple polarizer and analyzer 32mm blue, green and frosted filters Dust cover, instruction manual, universal power supply 90 -240v, CE and RoHS approvals</p>	\$ 4,867.00

Eyepieces

131-10-11	WF10x focusing eyepiece, 22mm field of view. Eyepiece accepts a 26.5mm reticle, roll down eyeguard	\$ 85.00
131-10-15	WF15x focusing eyepiece, 16mm field of view. Eyepiece accepts a 20mm reticle	90.00
131-10-20	WF20x focusing eyepiece, 12mm field of view. Eyepiece does not accept a reticle	100.00
131-10-01	Roll-down eyeguards (pair) for CAT# 131-10-11	15.00

Reticles

131-12-01	26.5mm eyepiece reticle, 10mm/100 division with crossline	\$ 37.00
131-12-05	26.5mm eyepiece reticle, 10mm/100 divisions without crossline	142.00
131-12-10	20mm eyepiece reticle, 10mm/100 divisions with crossline	142.00
131-12-11	20mm eyepiece reticle, 10mm/100 divisions	142.00
147-12-12	26.5mm eyepiece reticle, Austenite grain size	142.00
149-12-00	Installation of any reticle into the eyepiece	49.00
15553	Metal Stage Micrometer - English (inches), 0.4 inches long/40 divisions	273.00
15554	Metal Stage Micrometer - Metric (mm), 1mm/100 divisions	273.00
15553P	Metal Stage Micrometer - English (inches), 0.4 inches long/40 divisions Traceable	623.00
15554P	Metal Stage Micrometer - Metric (mm), 1mm/100 divisions Traceable	623.00

LWD Metallurgical Infinity Plan Objectives - F: 180mm

146-15-05	5x LWD M plan achromat objective, N.A. 0.15, W.D. 10.8mm	\$ 237.00
146-15-10	10x LWD M plan achromat objective, N.A. 0.30, W.D. 10.0mm	296.00
146-15-20	20x LWD M plan achromatic objective, N.A. 0.45, W.D. 4.0mm	392.00
146-15-50	50x LWD M semi-apo objective, N.A. 0.55, W.D. 7.9mm	1,005.00
146-15-100	100x dry LWD plan achromat objective, N.A. 0.80, W.D. 2.1mm	1,183.00

Camera Port and Video Adapters

00-2010-35	0.35x c-mount with focus adjustment	\$ 183.00
00-2010-50	0.50x c-mount with focus adjustment	183.00
00-2010-65	0.65x c-mount with focus adjustment	183.00
00-2010-01	1x c-mount with focus adjustment	183.00
00-2010-P	Photo tube, 23mm I.D.	95.00

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Filters & Polarizers, Miscellaneous

146-20-FY	32mm Yellow Filter	\$ 17.00
146-20-FG	32mm Green Filter	17.00
146-20-FB	32mm Blue Filter	17.00
146-20-FN	32mm Frosted Filter	17.00
146-20-01	Polarizer Slider	188.00
146-20-02	Analyzer slider 360° rotating	280.00
146-13-12	ø12 mm stage plate insert for the fixed stage	66.00
146-13-25	ø25 mm stage plate insert for the fixed stage	66.00
146-13-01	ø12 mm teardrop rectangular stage plate insert for use with mechanical stage	81.00
146-13-02	ø25 mm teardrop rectangular stage plate insert for use with mechanical stage	81.00
310-3301	Dust cover	21.00