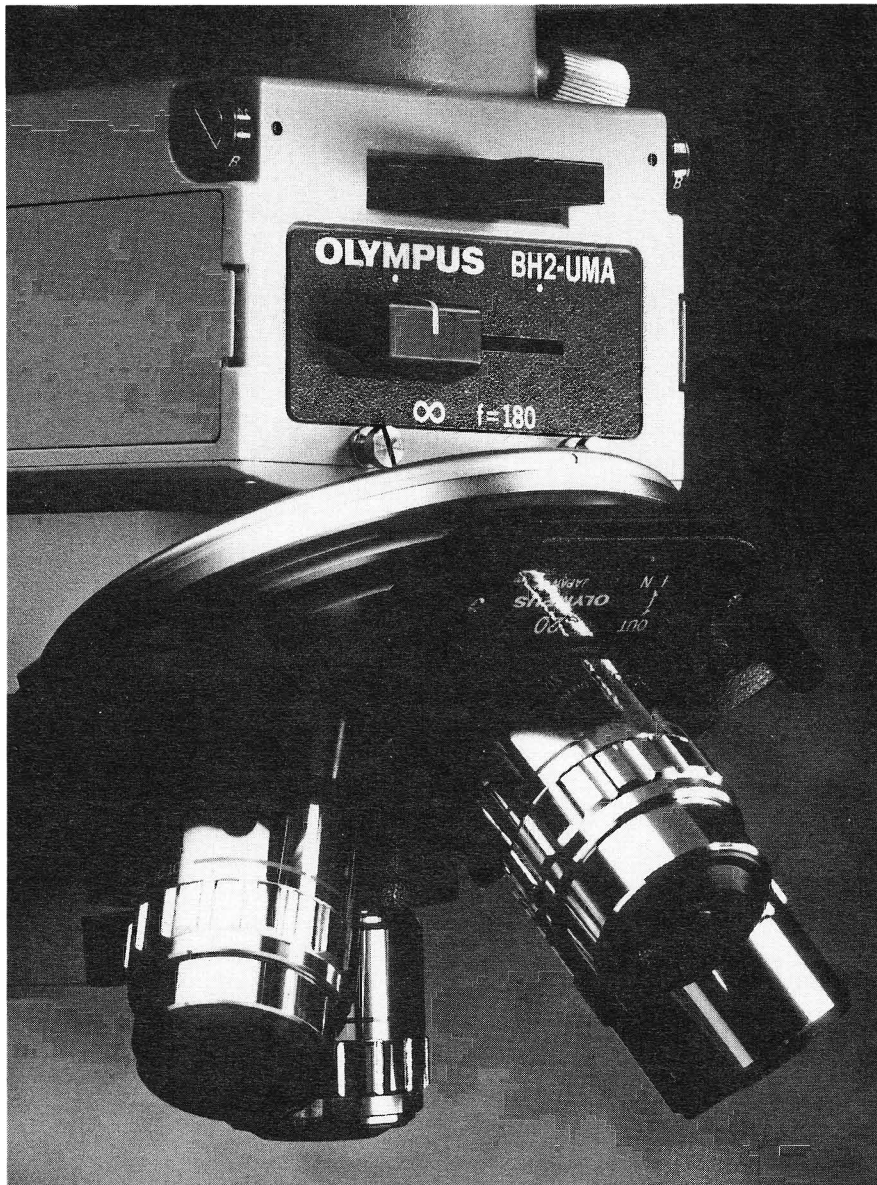

OLYMPUS[®]

PRECISION

INSTRUMENT

DIVISION



LBM

OBJECTIVES

PRICES AND SPECIFICATIONS

EFFECTIVE: JANUARY 15, 1993

MINIMUM ORDER: \$50.00

*TERMS: 30 DAYS NET, FOB LAKE SUCCESS, N.Y.
ALL PRICES AND SPECIFICATIONS SUBJECT
TO CHANGE WITHOUT NOTICE.*

OLYMPUS CORPORATION
PRECISION INSTRUMENTS DIVISION
4 NEVADA DRIVE
LAKE SUCCESS, NY 11042-1179
(516) 488-3880
1-800-446-5967

CAT. NO.	MAGNIF.	DESCRIPTION	N.A.	W.D. (mm)	FOCAL LENGTH (mm)	SUGG. LIST PRICE
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**LBM OBJECTIVES FOR BRIGHTFIELD REFLECTED LIGHT, FOR USE WITH
BH2-UMA VERTICAL ILLUMINATOR, RMS THREAD, 45MM DIN STANDARD
ADJUSTMENT LENGTH, INFINITY CORRECTED (∞)***

M S Plan Apochromats

1-LM557	50X	M S Plan Apochromat, dry, spring-loaded.	0.95	0.24	3.6	\$2,753.00
1-LM596	150X	M S Plan Apochromat, water immersion, spring-loaded.	1.25	0.14	1.2	2,824.00
1-LM599	250X	LWD MS Plan Apochromat, dry, spring-loaded.	0.90	0.8	.72	3,697.00
5-LM232		Pinhole Aperture BH2-UPH. Fits into filter compartment of BH2-UMA Vertical Illuminator. Recommended for enhanced contrast when using the 250X LWD MS Plan Apochromat Objective (Cat. No. 1-LM599). Includes slide-in green IF550 contrast filter.				423.00

M S Plan Achromats

1-LM501	1.5X	M S Plan Achromat, dry.	0.04	2.00	119.9	1,368.00
1-LM510	2.5X	M S Plan Achromat, dry.	0.07	5.00	72.0	929.00
1-LM520	5X	M S Plan Achromat, dry.	0.13	21.10	35.9	552.00
1-LM530T	10X	M S Plan Achromat, dry.	0.30	10.20	18.0	794.00
1-LM540T	20X	M S Plan Achromat, dry, spring-loaded.	0.46	3.10	9.0	919.00
1-LM550	50X	M S Plan Achromat, dry, spring-loaded.	0.80	0.47	3.6	955.00
1-LM590	100X	M S Plan Achromat, dry, spring-loaded.	0.95	0.30	1.8	2,112.00
1-LM592	100X	M S Plan Achromat, oil, spring-loaded.	1.25	0.25	1.8	1,853.00

M S Plan Achromats, Ultra-Long Working Distance

1-LM546	20X	ULWD M S Plan, dry, Ultra-Long Working Distance.	0.40	11.00	8.99	1,244.00
1-LM556	50X	ULWD M S Plan, dry, Ultra-Long Working Distance.	0.55	8.10	3.60	1,706.00
1-LM594	80X	ULWD M S Plan, dry, Ultra-Long Working Distance.	0.75	4.10	2.25	2,465.00
1-LM600	100X	ULWD MS Plan, dry, Ultra-Long-Working Distance.	0.80	3.2	1.8	3,658.00

Infra-Red M S Plan Achromats, Ultra-Long Working Distance

1-LM522I	5X	IR MS Plan Achromat ULWD	0.10	20.0	35.9	2,748.00
1-LM533I	10X	IR MS Plan Achromat ULWD	0.25	18.5	18.0	3,767.00
1-LM546I	20X	IR MS Plan Achromat ULWD	0.40	8.1	9.0	4,481.00
1-LM556I	50X	IR MS Plan Achromat ULWD	0.55	6.0	3.6	4,930.00
1-LM594I	80X	IR MS Plan Achromat ULWD	0.75	4.0	2.25	5,871.00
1-LM590I	100X	IR MS Plan Achromat	0.95	0.3	1.8	7,131.00

Note: MS Plan objectives feature a completely flat field-of-view with field number 26.5 superwide 10X eyepieces. MD Plan objectives feature a completely flat field-of-view with field number 20 standard 10X eyepieces. "Neo" refers to brightfield/darkfield objectives.

*Focal Length of Tube Lens: f = 180mm.

CAT. NO.	MAGNIF.	DESCRIPTION	N.A.	W.D. (mm)	FOCAL LENGTH (mm)	SUGG. LIST PRICE
LBM OBJECTIVES FOR BRIGHTFIELD REFLECTED LIGHT, FOR USE WITH BH2-UMA VERTICAL ILLUMINATOR, RMS THREAD, 45MM DIN STANDARD ADJUSTMENT LENGTH, INFINITY CORRECTED (∞)*						
MS LWD Plan Achromat PC (for examination through Polycarbonate Layer with Refractive Index of 1.58)						
1-LM597	100X	LWD MS Plan Achromat PC, dry, for examination of compact disks; with pinhole aperature for BH2-UMA.	0.80	1.0	1.8	\$5,005.00
M D Plan Achromats						
1-LM521	5X	M D Plan Achromat, dry.	0.10	19.00	36.0	500.00
1-LM531	10X	M D Plan Achromat, dry.	0.25	7.00	18.1	664.00
1-LM541	20X	M D Plan Achromat, dry, spring-loaded.	0.40	1.00	9.0	719.00
1-LM551	50X	M D Plan Achromat, dry, spring-loaded.	0.75	0.38	3.6	828.00
1-LM591	80X	M D Plan Achromat, dry, spring-loaded.	0.90	0.20	2.25	1,070.00
1-LM593	150X	M D Plan Achromat, dry, spring-loaded.	0.95	0.27	1.20	2,614.00
M D Achromats						
1-LM131	10X	M D Achromat, dry.	0.25	6.77	18.0	216.00
1-LM140	20X	M D Achromat, dry, spring-loaded.	0.40	1.10	9.0	289.00
1-LM151	50X	M D Achromat, dry, spring-loaded.	0.70	0.45	3.6	335.00
1-LM191	100X	M D Achromat, oil, spring-loaded.	1.25	0.32	1.8	421.00
LCD Glass Panel Inspection Objectives						
1-LM548	20X	LWD MS Plan Achromat LCD, 0.7mm correction.	0.40	7.87	9.0	1,488.00
1-LM549	20X	LWD MS Plan Achromat LCD, 1.1mm correction.	0.40	7.87	9.0	1,488.00
1-LM558	50X	LWD MS Plan Achromat LCD, 0.7mm correction.	0.60	3.20	3.6	1,782.00
1-LM559	50X	LWD MS Plan Achromat LCD, 1.1mm correction.	0.60	3.20	3.6	1,782.00
1-LM598	100X	LWD MS Plan Achromat LCD, 0.4mm to 1.3mm correction.	0.80	1.04	1.8	2,635.00
RMS Thread Adapter						
M-LO664		Thread Adapter NRE-MAD for brightfield RMS thread objectives fitted to Neo nosepiece.				93.00

*Focal Length of Tube Lens: f = 180mm.

CAT. NO.	MAGNIF.	DESCRIPTION	N.A.	W.D. (mm)	FOCAL LENGTH (mm)	SUGG. LIST PRICE
LBM OBJECTIVES FOR BRIGHTFIELD/DARKFIELD REFLECTED LIGHT, FOR USE WITH BH2-UMA VERTICAL ILLUMINATOR, NEO THREAD, 45MM DIN STANDARD ADJUSTMENT LENGTH, INFINITY CORRECTED (∞)*						
Neo S Plan Apochromat, Long-Working-Distance						
1-LM499	250X	LWD Neo S Plan Apochromat, dry, spring-loaded.	0.90	0.8	.72	\$3,990.00
Neo S Plan Achromat "NIC" (Universal for Polarization/Nomarski DIC)						
1-LM424	5X	Neo S Plan Achromat, NIC, dry.	0.13	12.00	35.9	670.00
1-LM434	10X	Neo S Plan Achromat, NIC, dry.	0.25	4.10	18.0	888.00
1-LM444	20X	Neo S Plan Achromat, NIC, dry, spring-loaded.	0.40	3.00	9.0	1,013.00
1-LM454	50X	Neo S Plan Achromat, NIC, dry, spring-loaded.	0.70	0.50	3.6	1,167.00
1-LM494	100X	Neo S Plan Achromat, NIC, dry, spring-loaded.	0.90	0.30	1.8	2,144.00
Neo S Plan Achromats-Brightfield/Darkfield						
1-LM420	5X	Neo S Plan Achromat, dry.	0.13	12.00	35.9	683.00
1-LM430T	10X	Neo S Plan Achromat, dry.	0.30	4.10	18.0	903.00
1-LM440T	20X	Neo S Plan Achromat, dry, spring-loaded.	0.46	3.00	9.0	1,034.00
1-LM450	50X	Neo S Plan Achromat, dry, spring-loaded.	0.80	0.50	3.6	1,190.00
1-LM490	100X	Neo S Plan Achromat, dry, spring-loaded.	0.90	0.30	1.8	2,186.00
Neo S Plan Achromats, Ultra-Long Working Distance-Brightfield/Darkfield						
1-LM442	20X	ULWD Neo S Plan Achromat, dry, Ultra-Long Working Distance.	0.40	11.00	8.99	1,244.00
1-LM453	50X	ULWD Neo S Plan Achromat, dry, Ultra-Long Working Distance.	0.55	8.10	3.60	1,706.00
1-LM495	80X	ULWD Neo S Plan Achromat, dry, Ultra-Long Working Distance.	0.75	4.10	2.25	2,465.00
1-LM496	100X	ULWD Neo S Plan Achromat, dry Ultra-Long Working Distance	0.80	3.2	1.8	3,441.00
Neo D Plan Achromats-Brightfield/Darkfield						
1-LM421	5X	Neo D Plan Achromat, dry.	0.10	11.20	36.00	611.00
1-LM431	10X	Neo D Plan Achromat, dry.	0.25	6.00	18.09	788.00
1-LM441	20X	Neo D Plan Achromat, dry, spring-loaded.	0.40	1.00	8.99	883.00
1-LM451	50X	Neo D Plan Achromat, dry, spring-loaded.	0.75	0.34	3.60	1,003.00
1-LM491	80X	Neo D Plan Achromat, dry, spring-laoded.	0.90	0.18	2.25	1,752.00
1-LM492	150X	Neo D Plan Achromat, dry, spring-loaded.	0.90	0.27	1.20	2,212.00

Note: MS Plan objectives feature a completely flat field-of-view with field number 26.5 superwide 10X eyepieces. MD Plan objectives feature a completely flat field of view with field number 20 standard 10X eyepieces. "Neo" refers to brightfield/darkfield objectives.

*Focal Length of Tube Lens: f = 180mm.

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CAT. NO.	MAGNIF.	DESCRIPTION	N.A.	W.D. (mm)	FOCAL LENGTH (mm)	SUGG. LIST PRICE
EYEPIECES FOR LBM OBJECTIVES						
2-LC311	WHK8X	Widefield High Eyepoint.	20	18.7	31.25	\$127.00
2-LC321	WHK10X	Widefield High Eyepoint.	20	18.7	25.00	127.00
2-LC323	WHK10X-H	Widefield High Eyepoint, focusing front lens.	20	18.7	25.00	134.00
2-LB320	WHK10X+	Widefield High Eyepoint, focusing crosshairs.	20	18.7	25.00	258.00
2-LB321	WHK10XM	Widefield High Eyepoint, focusing crosshairs and scale.	20	18.7	25.00	258.00
2-LC393	35-WHK10X	Field of View, for 35mm.	20	18.7	25.00	241.00
2-LC394	P-WHK10X	Field of View, for 3 1/4" X 4 1/4" Polaroid.	20	18.7	25.00	241.00
2-LC395	4X5-WHK10X	Field of View, for 4" X 5" format.	20	18.7	25.00	241.00
2-LC326	WHK12.5X	Widefield High Eyepoint.	16	15.5	20.00	210.00
2-LC327	WHK 12.5X-H	Widefield High Eyepoint, focusing front lens.	16	15.5	20.00	233.00
2-LC350	WHK15X	Widefield High Eyepoint.	14	16.3	16.70	145.00
2-LC322	WK10X	Widefield High Eyepoint, color free.	20	15.8	25.00	145.00
2-LC324	WK10X-H	Widefield High Eyepoint, color free, focusing front lens.	20	15.8	25.00	154.00
2-LB322	WK10X+	Widefield High Eyepoint, color free, focusing crosshairs.	20	15.8	25.00	258.00
2-LB323	WK10XM	Widefield High Eyepoint, color free, focusing crosshairs and scale.	20	15.8	25.00	258.00
2-LC396	35-WK10X	Field-of View, for 35mm.	20	15.8	25.00	241.00
2-LB331	SWHK10X	Super Widefield, focusing front lens.	26.5	15.6	25.00	185.00
2-LC403	35-SWHK10X	Field-of-View Super Widefield, 35mm.	26.5	15.6	25.00	302.00
2-LC404	P-SWHK10X	Field-of-View Super Widefield for 3 1/4" X 4 1/4" Polaroid.	26.5	15.6	25.00	302.00
2-LC405	4X5SWHK10X	Field-of-View Super Widefield for 4" X 5" format.	26.5	15.6	25.00	302.00
2-LB703	NK5X	Compensating.	21	16.4	50.00	145.00
2-LB702	NK5X+	Compensating, focusing crosshairs.	21	16.4	50.00	198.00
2-LC760	NK20X	Compensating.	10	10.4	12.49	145.00
PHOTO PROJECTION						
2-LC894	NFK2.5X	Photo Compensating, Low Distortion.	21.6		50.42	152.00
2-LC895	NFK3.3X	Photo Compensating, Low Distortion.	16.7		37.63	152.00
2-LC896	NFK5X	Photo Compensating, Low Distortion.	12.5		24.01	152.00
2-LC897	NFK6.7X	Photo Compensating, Low Distortion.	8.8		18.48	152.00
VIDEO PROJECTION						
2-LC898	NFK1.67X	Video Compensating, Low Distortion.				498.00
7-C567	TVZ-M Zoom Video Lens, with 0.55X to 1.1X zoom magnification range. 2-piece construction with chrome C mount adapter separable from the main body; parfocalizing collar. Attaches directly to the standard Olympus "ring dovetail" adapter of the vertical photo tube of BH2 trinocular and quadocular observation tubes, the AH2-ADF adapter (Cat. No. 7-C548) of the AH3 Vanox, or the side port of the IMT-2 research inverted microscope.					2,338.00

