



EXC-120 Microscope Series

CATALOG #	DESCRIPTION
EXC-120	<p>Binocular Microscope with Achromat Objectives Binocular viewing head, inclined 30°, rotatable 360° WF10x/18.5mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN 4x, 10x, SP40xR and 100xR oil objectives Rackless Mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator Dust cover, power cord and manual</p>
EXC-120-45	<p>Binocular Microscope with Achromat Objectives Same as above except with 45° viewing head</p>
EXC-121	<p>Monocular Microscope with Achromat Objectives Same as above except with a monocular viewing head, inclined 30°, rotatable 360°, WF10x/18.5mm eyepiece with pointer</p>
EXC-123	<p>Trinocular Microscope with Achromat Objectives Same as EXC-120 except with trinocular viewing head</p>
EXC-120-3	<p>Binocular Microscope with 3 Objectives Same as CAT# EXC-120 except with only 4x, 10x & SP40xR objectives</p>
EXC-121-3	<p>Monocular Microscope with 3 Objectives Same as CAT# EXC-121 except with only 4x, 10x & SP40xR objectives</p>
	<p>Add-On Options to the Above Models</p>
3189PL-D	<p>100xR DRY DIN plan achromat objective, N.A. 0.80, W.D. 0.15mm</p>
3189PL-W	<p>100xR Water Immersion DIN plan achromat objectives., N.A. 1.0, W.D.</p>
EXC-120-PL	<p>Binocular Microscope w/Plan Achromat Objectives Binocular viewing head, inclined 30°, rotatable 360° WF10x/18.5mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN Plan Achromat 4x, 10x, 40xR and 100xR oil objectives Rackless mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator Dust cover, power cord and manual</p>



EXC-120 Series

CATALOG #	DESCRIPTION
EXC-121-PL	Monocular Microscope w/ Plan Achromat Objectives Same as above except with a monocular viewing head, inclined 30°, rotatable 360°, WF10x/18.5mm eyepiece with pointer
EXC-123-PL	Trinocular Microscope w/Plan Achromat Objectives Same as EXC-120-PL except with trinocular viewing head
EXC-120-PH	Binocular Microscope w/Turret Phase System Binocular viewing head, inclined 30°, rotatable 360° WF10x/18.5mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN Plan Phase Achromat 10x, 20x, 40xR and 100xR oil objectives Rackless mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator Dust cover, power cord and manual
EXC-123-PH	Trinocular Microscope w/Turret Phase System Same as EXC-120-PH except with trinocular viewing head
3003-V	Monocular Microscope with Vertical Camera Port (Photo tube) Monocular viewing head, inclined 30° with vertical camera port, rotatable 360°

Camera and Video Adapters

2005-5M	0.50x c-mount adapter, with thumb locking screw to mount to photo tube
120-2000	Photo tube

Viewing Heads, Eyepieces and Reticles

120-3150	Monocular viewing head, inclined 30°
120-3152	Monocular viewing head with camera port, inclined 30°
120-3155	Binocular viewing head, inclined 30°
120-3155-45	Binocular viewing head, inclined 45°
02-3158	Trinocular viewing head, inclined 30°
02-3104	WF10x/18.5mm field of view eyepiece with reticle holder
02-3105	WF10x/18.5mm field of view eyepiece with pointer & reticle holder
3106	WF15x/15mm field of view eyepiece
3107	WF20x/12mm field of view eyepiece
3137-19	10mm/100 division reticle with crossline, 19mm
3137-19-PS	Pointer with scale reticle, 19mm
3145	Stage micrometer, 1mm/100 divisions (each division .010mm)



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Achromat and Semi-plan Objectives

02-3195	4x DIN achromat objective, N.A. 0.10, W.D. 18mm
02-3196	10x DIN achromat objective, N.A. 0.25, W.D. 6.6mm
02-3197	20xR DIN achromat objective, N.A. 0.40, W.D.1.5mm
02-3198-SP	40xR DIN semi-plan achromat objective, N.A. 0.65, W.D. 0.38mm
02-3199	60xR DIN achromat objective, N.A. 0.85, W.D. 0.19mm
02-3200	100xR oil DIN achromat objective, N.A. 1.25, W.D. 0.12
02-3200-DF	100xR oil DIN achromat obj. with cone diaphragm for darkfield, N.A. 1.25

Plan Achromat Objectives

3185PL-00	4x DIN plan achromat objective, N.A. 0.10, W.D. 17.9mm
3186PL-00	10x DIN plan achromat objective, N.A. 0.25, W.D. 2.04mm
3187PL-00	20xR DIN plan achromat objective, N.A. 0.40, W.D. 1.2mm
3188PL-00	40xR DIN plan achromat objective, N.A. 0.65, W.D. 0.65mm
3190PL-00	50xR oil DIN plan achromat objective, N.A. 0.95, W.D. 0.18mm
3191PL-00	60xR DIN plan achromat objective, N.A. 0.85, W.D. 0.19mm
3189PL-00	100xR oil DIN plan achromat objective, N.A. 1.25, W.D. 0.15mm
3189PL-D	100xR Dry DIN plan achromat objective, N.A. 0.80, W.D. 0.15mm
3189PL-W	100xR Water Immersion DIN plan achromat objective, N.A. 1.0, W.D. 0.19m

Condensers & Polarizing Accessories

120-3221	N.A. 1.25 Abbe Condenser
120-3223	Iris diaphragm with filter holder
120-3228	Simple polarizer (plug in) and analyzer
120-3229-W	Darkfield oil condenser

Optional Accessories

3205	Immersion Oil - Type A, 1/4 oz Cargille
3235	32mm Clear blue filter
3235-G	32mm Green filter
120-3258	Replacement LED light assembly (each)
3277	0.5 amp fuse, 5/pk (for use with units with universal power supply)
120-3295-A	Aluminum hard-sided microscope carry case
3301-S	Dust cover - 19.5"H x 15.5" W