

Microscopes, Objectives and Cameras

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Microscopes

Stereo Microscope

Magnification	15X~100X
Resolution	2micron
Eyepieces	20X
Zoom Range	0.75X~5X
Working Distance	110mm
Focus travel range	50mm
Camera interfacet	C-Mount



SlimScope

Magnification	Vary from CCD and Monitor sizes
Resolution	N.A.
Eyepieces	N.A.
Zoom Range	0.58X~7X
Objectives	1X, 2X, 5X, 10X, 20X, 50X, 100X available upon request
Objectives slot	1slot for quick change
Working distance	89mm (1X objective)
Focus travel range	50mm/10mm coax focus ranget
Camera interface	C-Mount



SuperScope

Magnification	20X~2000X
Resolution	N.A.
Eyepieces	10X
Zoom Range	1X~2X
Objectives	2X, 5X, 10X, 20X, 50X, 100X (available upon request, turret for maximum 4 pcs of objectives)
Objectives Turret	4
Working distance	Vary from objectives
Focus travel range	50mm coax focus range (4mm/rev coarse, 0.1mm/rev fine)
Camera interface	C-Mount
Laser interface	Optional



*Objectives are purchased separately.

Objectives



Objective lens, compatible with SlimScope and Superscope.

Model #	Description	Application	Mag.	N.A.	W.D.	Resolution	Focal Depth
OBL-2X	M Plan APO 2X	BF, LWD	2X	0.055	34.6mm	5 μ m	91 μ m
OBL-5X	M Plan APO 5X	BF, LWD	5X	0.13	45mm	2 μ m	16 μ m
OBL-10X	M Plan APO 10X	BF, LWD	10X	0.28	34mm	1 μ m	3.5 μ m
OBL-20X	M Plan APO 20X	BF, LWD	20X	0.29	31mm	1 μ m	3.3 μ m
OBL-50X	M Plan APO 50X	BF, LWD	50X	0.42	20.1mm	0.7 μ m	1.6 μ m
OBL-100X	M Plan APO 100X	BF, LWD	100X	0.55	12.5mm	0.5 μ m	1.0 μ m
OBL-1X-NIR	M Plan APO NIR 1X	BF, Laser	1X	0.03	12mm	22.4 μ m	611 μ m
OBL-2.5X-NIR	M Plan APO NIR 2.5X	BF, Laser	2.5X	0.1	28mm	6.7 μ m	55 μ m
OBL-5X-NIR	M Plan APO NIR 5X	BF, Laser	5X	0.13	45mm	2 μ m	14 μ m
OBL-10X-NIR	M Plan APO NIR 10X	BF, Laser	10X	0.28	34mm	1 μ m	3.5 μ m
OBL-20X-NIR	M Plan APO NIR 20X	BF, Laser	20X	0.5	12mm	0.5 μ m	2.2 μ m
OBL-50X-NIR	M Plan APO NIR 50X	BF, Laser	50X	0.6	10mm	0.6 μ m	1.5 μ m
OBL-100X-NIR	M Plan APO NIR 100X	BF, Laser	100	0.75	10mm	0.75 μ m	0.9 μ m
OBL-20X-NUV	M Plan APO NUV 20X	BF, Laser, NUV	20X	0.4	17mm	0.69 μ m	1.72 μ m
OBL-50X-NUV	M Plan APO NUV 100X	BF, Laser, NUV	50X	0.7	14.8mm	0.64 μ m	1.49 μ m

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