

CentriMax™ MX-LR Objective



#86-894: CentriMax™ MX-LR Objective

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General

Lens Accessory **Type:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

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Product Details

- CentriTel® Internal Focusing System for Constant Magnification
- Focuses from 3000mm to 60mm with MX-Series Objectives
- Can be Equipped with Infinity-corrected Microscope Objectives
- Coaxial In-line Illuminator (Optional) for Reflective Objects

CentriMax™ can be actively focused anywhere from 3000mm to 60mm by using supplemental MX-Series objectives. Once a working distance is chosen, its patented CentriTel® internal focusing system allows for focusing from top to bottom of objects without change in magnification. Unlike InfiniMax™, CentriMax™ does not need physical movement to maintain magnification by a resetting of the focus. Rather, the CentriTel® internal focusing system maintains constant magnification during focal translation. Depth details peel away, yet magnification remains essentially constant. CentriMax™ is perfect for z-sectioning and making measurements from a fixed position. This lens also features a variable iris diaphragm for increased depth of field without altering CentriTel® characteristics. Other accessories include: supplemental adapters (transmitted or coaxial) for use with Achrovid™, Mtutoyo, Edmund, Olympus, or Nikon infinity corrected objectives.

Technical Information

Objective	Working Distance	Magnification	Field of View, FOV
MX-LR (#86-894)	3000mm	0.11X	7.0mm
	1330mm	0.25X	8.1mm
	530mm	0.58X	14.0mm
MX-1 (#56-014)	310mm	0.96X	7.0mm
	400mm	0.83X	8.1mm
	690mm	0.48X	14.0mm
MX-2 (#56-015)	240mm	1.22X	5.5mm
	295mm	1.12X	6.0mm
	425mm	0.74X	9.0mm
MX-3 (#56-016)	175mm	1.76X	3.8mm
	218mm	1.49X	4.5mm
	273mm	1.12X	6.0mm
MX-4 (#56-017)	165mm	1.91X	3.5mm
	190mm	1.68X	4.0mm
	238mm	1.34X	5.0mm
MX-5 (#56-018)	130mm	2.23X	3.0mm
	145mm	2.09X	3.2mm
	175mm	1.68X	4.0mm
MX-6 (#56-019)	60mm	4.47X	1.5mm
	65mm	4.47X	1.5mm
	70mm	4.19X	1.6mm