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Metric Spatial Filter

Metric Spatial Filter, #57-739

Stock **#57-739**   **14 In Stock**

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General

Type:
Adjustable - Linear (XYZ) & Tilt

Type of Optics:
Pinhole

Note:
Requires one pinhole aperture and microscope objective

Physical & Mechanical Properties

Construction:
Black Anodized Aluminum

	Linear Travel (mm):
XY: ±1.5, Z: ±3	

	Linear Travel Resolution (µm):
2.5 (XY)	

	Base Tilt Angle (°):
±2	

Hardware & Interface Connectivity

	Type of Drive:
Differential Micrometer (XY)	

Threading & Mounting

	Compatible Post:
M6 x 1.0	

Regulatory Compliance

	RoHS 2015:
Exempt	

	Certificate of Conformance:
View	

	Reach 247:
Contains SVHC(s)	

Product Details

Metric Spatial Filters are only compatible with the following objectives: DIN Achromatic 4X (#36-131), DIN Micro-Plan 4X (#38-341), DIN Achromatic 4X (#43-902), DIN Plan 4X (#67-706), and the JIS Achromatic 10X (#30-046).

- X-Y Micrometer Translation
- Gimbal Tilt Control for Fiber Alignment
- Z-Axis Translation for Objective Mount

Our Metric Spatial Filters are designed to ease fiber optic and pinhole system integration. With ±1.5mm micrometer driven X-Y translation, 2.5µm resolution, and an objective mount with 10mm Z-axis translation, these Metric Spatial Filters are ideal for a range of DIN and JIS standard objectives. The fiber optic metric spatial filter provides easy connection for fiber optics with an FC termination and features gimbal tilt control for fiber alignment with a ±2° adjustable angle range. The pinhole metric spatial filter includes a pinhole adapter for integrating mounted and unmounted pinholes.

Note: Metric Spatial Filters are only compatible with the following objectives: DIN Achromatic 4X (#43-902), DIN Plan 4X (#67-706), and the JIS Achromatic 10X.

Technical Information

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