

# Metric Spatial Filter



Metric Spatial Filter, #57-739

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

-

1

+

€1.310<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €1.310,00 each                |
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**!** Prices shown are exclusive of VAT/local taxes

## Product Downloads

| General                                                         |                 |
|-----------------------------------------------------------------|-----------------|
| Adjustable - Linear (XYZ) & Tilt                                | Type:           |
| Pinhole                                                         | Type of Optics: |
| Note:<br>Requires one pinhole aperture and microscope objective |                 |
| Physical & Mechanical Properties                                |                 |

|                         |                                |
|-------------------------|--------------------------------|
| Black Anodized Aluminum | Construction:                  |
| XY: ±1.5, Z: ±3         | Linear Travel (mm):            |
| 2.5 (XY)                | Linear Travel Resolution (µm): |
| ±2                      | Base Tilt Angle (°):           |

Hardware & Interface Connectivity

|                              |                |
|------------------------------|----------------|
| Differential Micrometer (XY) | Type of Drive: |
|------------------------------|----------------|

Threading & Mounting

|          |                  |
|----------|------------------|
| M6 x 1.0 | Compatible Post: |
|----------|------------------|

Regulatory Compliance

|                                  |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           | RoHS 2015:                  |
| <a href="#">View</a>             | Certificate of Conformance: |
| <a href="#">Contains SVHC(s)</a> | Reach 247:                  |

## 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

