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Spatial Filter Movement

Stock **#39-976** **4 In Stock**

- 1 + **MRP ₹66,587**

Price inclusive of all taxes

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Physical & Mechanical Properties

Construction:
Black Anodized Aluminum

Travel (mm):
Pinhole: ±3 in X-Axis and Y-Axis
Objective: 19 in Z-Axis

Aperture (mm):
9.5

Accuracy (µm):
2.5 in Z-Axis

Threading & Mounting

Mount:
36 TPI 55° Whitworth (DIN Objective)

Mounting Threads:
¼-20

Leadscrew Thread:
50.8 TPI in X-Axis and Y-Axis

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Country of Origin:
Taiwan

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
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Karnataka, India 560038
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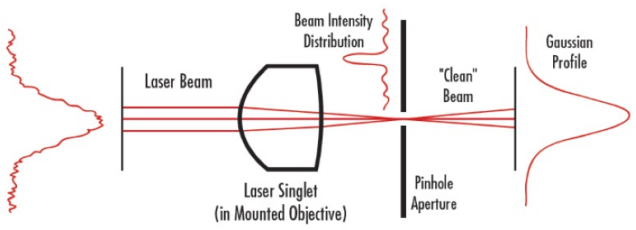
Product Details

- X-Y Adjustable
- Pre-Mounted on a Gimbal Tilt-Table
- Open-Style Design

Our precision open-style spatial filter mechanism features a ball bearing, spring-loaded dual stainless rail objective movement with a micrometer drive. The pinhole mount accepts standard ⅜" (9.5mm) discs from our line of **Pinholes & Slits** and is X-Y adjustable via two fine thumbscrews. This entire assembly is mounted on a gimbal tilt-table with X-Y two-axis adjustment by two fine thumbscrews. A ¼-20 tap hole on the gimbal platform base allows for easy mounting to posts or other positioning equipment. The **Understanding Spatial Filters** application note will help you select the appropriate components for your laser application.

Note: Spatial Filter does not operate with 5.5mm objective. Spatial Filter Movement is only compatible with the following objectives: DIN Achromatic 4X (**#43-902**), DIN Plan 4X (**#67-706**), and the JIS Achromatic 10X.

Technical Information



Input Beam Diameter (mm)	Magnification/Focal Length of Objective Lens (mm)	
	4X/31.04	10X/17.13
0.96	35µm	20µm
0.81	50µm	25µm
0.75	50µm	25µm
0.70	50µm	25µm
0.68	50µm	25µm
0.63	50µm	35µm
0.48	50µm	35µm

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