

Spatial Filter Movement

#39-976



당사에서 취급하는 정밀 개방형 공간 필터(open-style spatial filter)의 메커니즘은 마이크로미터 드라이브를 이용해 스프링이 장착된 듀얼 스테인리스 레일을 따라 움직이는 피사체의 움직임과 볼 베어링을 특징으로 합니다. 핀홀 마운트는 [핀홀 & 슬릿](#) 제품 계열의 표준형 $\frac{3}{8}$ " (9.5mm) 디스크를 수용하며 2개의 미세 썸스크류(thumbscrew)를 이용해 X-Y 축을 조절할 수 있습니다. 전체 어셈블리는 2개의 미세 썸스크류로 X-Y 두 개의 축을 조절해가며 짐벌 틸트 테이블에 장착할 수 있습니다. 짐벌 플랫폼 베이스에는 1개의 $\frac{1}{4}$ -20 탭홀이 있어 포스트나 기타 포지셔닝 장치를 쉽게 장착할 수 있습니다. 어플리케이션 노트 '[공간 필터의 이해](#)'를 참고하시면 레이저 용도에 맞는 적절한 부품 선택에 도움이 될 수 있습니다.

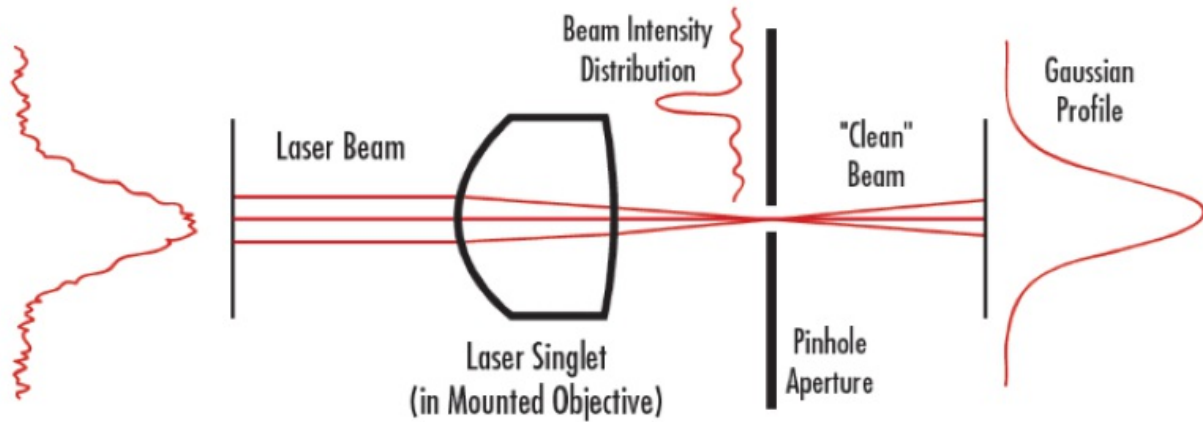
참조: Spatial Filter는 5.5mm 대물렌즈와 함께 사용할 수 없습니다. Spatial Filter Movement는 DIN Achromatic 4X (#43-902), DIN Plan 4X (#67-706), JIS Achromatic 10X 대물렌즈에만 사용이 가능합니다.

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:	$\frac{1}{4}$ -20
Leadscrew Thread:	50.8 TPI in X-Axis and Y-Axis



June 21, 2025

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

재고 번호	제품설명
39-976	Spatial Filter Movement

The following item(s) are not currently RoHS Compliant

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance

June 21, 2025

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | Compliance@edmundoptics.com



June 21, 2025

재고 번호

39-976

제품설명

Spatial Filter Movement

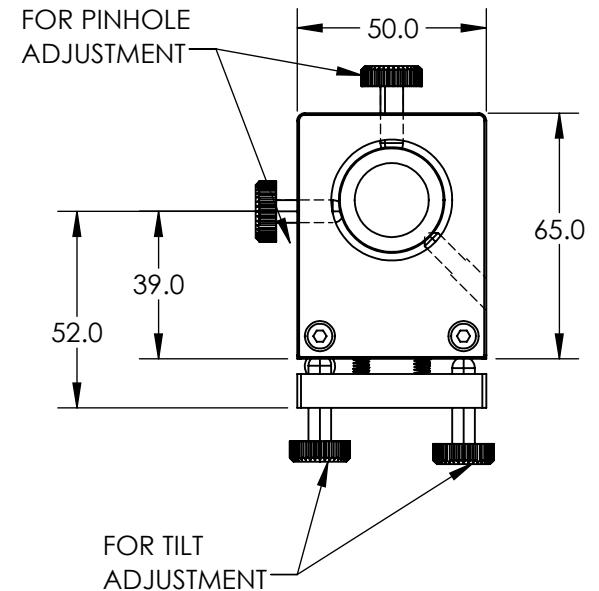
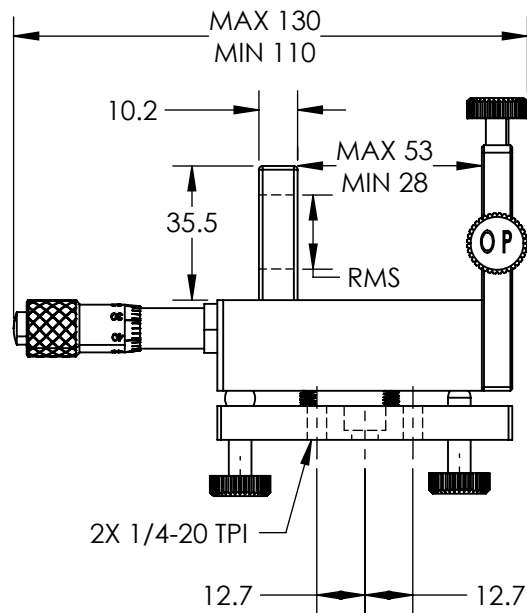
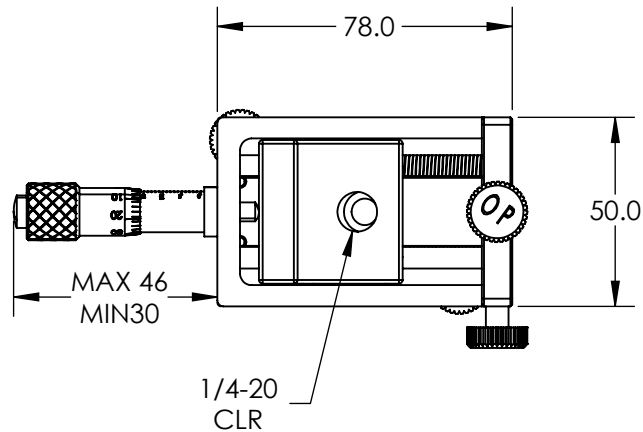
Edmund Optics certifies that all articles included in this shipment are in compliance with the terms and conditions of this order. The company also certifies that the articles included in this shipment are in accordance to all agreed upon specifications and quality assurance provisions. Please call 1-800-363-1992 should any questions arise from this shipment.



Jeff Harvey- EVP of Operations

NOTES:

1. CONSTRUCTION: Black Anodized Aluminum
2. MOUNT: 36 TPI 55° Whitworth (DIN Objective)
3. TRAVEL(mm): Pinhole: ± 3 in X-Axis and Y-Axis
Objective: 19 in Z-Axis
4. ACCURACY(μm): 2.5 in Z-Axis
5. LEADSCREW THREAD: 50.8 TPI in X-Axis and Y-Axis



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PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO
CHANGE WITHOUT NOTICE
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TITLE

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DWG NO

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