

750 - 1700nm, Manual Mini-Chrom Monochromator Gold Coated



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1 **C\$3,528.00**

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Type of Optics:
2cm² Square, Gold (Au) Coated Ruled Grating

Operating Temperature (°C):
-20 to +80

Resolution (nm) for 100µm Slit Width:
1.54

Resolution (nm) for 150µm Slit Width:
2.31

Resolution (nm) for 300µm Slit Width: 4.62
Resolution (nm) for 600µm Slit Width: 9.24
Slit Width (µm): 300.00
Type: Monochromator
Width (mm): 59.00
Weight (kg): 0.7
Stray Light (%): ≤0.02
Wavelength Reproducibility (%): ±0.15
Wavelength Readability (nm): 0.2
Wavelength Accuracy (%): ±0.2 of λ
Wavelength Range (nm): 750 - 1700
Linear Dispersion (nm/mm): 15.42 (center of range)
Aperture (f#): f/3.9
Blaze Wavelength (nm): 1200.00
Model Number: Model E w/Gold Coating
Mounting Threads: ¼-20 Mounting Holes
Focal Length FL (mm): 74.00
Groove Density (grooves/mm): 830
Height (mm): 49.00
Length (mm): 140.00
Damage Threshold, By Design: ☐ 40 Watt/cm ²
Slit Height (mm): 4

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View