

3mm Aperture, Protected Silver, Saturn 1B Single Axis Galvanometer Scanner

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Stock #16-042 3-5 DAYS



1



A\$4,240.00

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Mirror Aperture (mm):
3

Surface Flatness (P-V):
≤λ/4 @ 632.8nm

Type:
Single Axis

Coating:

Protected Silver
Scan Angle (°): 60 (Optical)
Substrate: ☐ Silicon (Si)
Operating Temperature (°C): 0 to +50
Dimensions (mm): 37.4 x 20.7 x 37.8 (of mount. Galvos protrude ~19mm)
Power Requirement: ±24 VDC
Position Signal (V): ±10
Current - Peak (A): Maximum: 20
Current - RMS (A): 3.75 (Case @ 50°C)
Coil Resistance (Ω): 1.8
Rotor Inertia (gm-cm²): 0.010
Torque Constant (dyne-cm/A): 18,500
Coil Inductance (μH): 100
Back EMF Voltage (μV/°/s): 32.3
Step Response 0.1° (μs): 90
Model Number: ScannerMAX Saturn 1B
Power Supply: Power Supply Required and Sold Separately. USA: #16-045 Europe: 2 x #14-571 Japan: #16-045 Korea: N/A* China: #16-045 *See copy for power supply requirements

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View