

10mm Aperture, Nd:YAG 532/1064nm Dielectric, Saturn 9B Dual Axis Galvanometer Scanner

See More by [ScannerMAX](#)



10mm Aperture, Saturn 9B Dual Axis Galvanometer Scanner



Stock #21-969 3-5 DAYS

1 **\$S\$6,061.00**

ADD TO CART

Qty 1+
\$S\$6,061.00

Volume Pricing
[Request Quote](#)

Get Product Downloads

Mirror Aperture (mm):
10

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

Type:

Dual Axis

Coating:

Dielectric Mirror (532, 1064nm)

Scan Angle (°):

40 (Optical)

Substrate:

Silicon (Si)

Operating Temperature (°C):

0 to +50

Dimensions (mm):

70.1 x 55.7 x 54.5 (of mount. Galvos protrude ~19mm)

Power Requirement:

±24 VDC

Position Signal (V):

±10

Current - Peak (A):

Maximum: 25

Current - RMS (A):

5.7 (Case @ 50°C)

Coil Resistance (Ω):

1.65

Rotor Inertia (gm-cm²):

0.032

Torque Constant (dyne-cm/A):

41,000

Coil Inductance (μH):

130

Back EMF Voltage (μV/°/s):

71.6

Step Response 0.1° (μs):

300

Model Number:

ScannerMAX Saturn 9B

Note:

#21-969 is tuned for small-signal applications, such as laser marking

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](#)