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70mm, Compact Motorized Rotation Stage, English



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Stock **#23-930** **2 In Stock**

⊖ 1 ⊕ **S\$1,365⁰⁰**

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General

English **Type:**

Controller Required: [#23-931](#) **Note:**

Stepper Motor **Type of Motor:**

Physical & Mechanical Properties

Rotary **Type of Movement:**

Ball Bearing	Guide System:
360	Travel (°):
0.03	Accuracy (°):
0.2	Backlash (°):
Aluminum, 3D Printed Plastic	Construction:
44.7	Height (mm):
0.5	Load Capacity (kg):
0.03	Repeatability (°):
240	Speed (°/s):
0.25	Weight (kg):
70	Table Diameter (mm):
0.0083	Parallelism (°):
0.02	Min. Incremental Movement (°):

Optical Properties

0.02° **Resolution (μm):**

Electrical

500 **Maximum Operating Current (mA):**

Hardware & Interface Connectivity

Gear Transmission **Type of Drive:**

USB-C **Computer Interface:**

Threading & Mounting

(4) 1/4-20, (4) 6-32, (8) 2-56 **Mounting Threads:**

Environmental & Durability Factors

10-40 **Operating Temperature (°C):**

Regulatory Compliance

Compliant **RoHS 2015:**

Compliant **Reach 224:**

View **Certificate of Conformance:**

Product Details

- Compact Footprint and Economic Price Point
- Light-weight Housing with Durable Stage Platform
- Compatible with [TECHSPEC Stages](#)
- Use Power Supply [#21-075](#) to Power Controller [#23-931](#)

Compact Motorized Rotation Stages are a cost-effective solution for motorized rotation adjustment within an optical system. These stages feature an anodized aluminum stage platform for precision mounting, with a preinstalled breadboard mounting plate. The compact overall footprint maximizes space efficiency to add motorization to space constrained systems. Compact Motorized Rotation Stages share the same hole patterns as our [TECHSPEC stages](#), making them an ideal lab bench component for motorized system building. Requires a Controller, [#23-931](#), which can be easily connected via an included 1m USB-C to USB-A cable.