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## 70mm, Compact Motorized Rotation Stage, English



70mm, Compact Motorized Rotation Stage

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

⊖ 1 ⊕ **S\$1,365<sup>00</sup>**

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### Product Downloads

### General

English **Type:**

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

Stepper Motor **Type of Motor:**

### Physical & Mechanical Properties

Rotary **Type of Movement:**

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

### 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.