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## 70mm, Compact Motorized Rotation Stage, Metric



70mm, Compact Motorized Rotation Stage

Stock **#23-929** **1 In Stock**

⊖ 1 ⊕ C\$1,365<sup>00</sup>

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### Volume Pricing

Qty 1+	C\$1,365.00 each
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### Product Downloads

### General

Metric **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

**Resolution (μm):**  
0.02°

### Electrical

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

### Hardware & Interface Connectivity

**Type of Drive:**  
Gear Transmission

**Computer Interface:**  
USB-C

### Threading & Mounting

**Mounting Threads:**  
(4) M6 x 1.0, (4) M3 x 0.5, (8) M2 x 0.4

### Environmental & Durability Factors

**Operating Temperature (°C):**  
10-40

### Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Reach 224:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

## 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.