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## 70mm, Compact Motorized Rotation Stage, Metric



70mm, Compact Motorized Rotation Stage

Stock #23-929 **10 In Stock**

⊖ 1 ⊕ €975<sup>00</sup>

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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### General

Metric **Type:**

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

Stepper Motor **Type of Motor:**

#### Physical & Mechanical Properties

**Type of Movement:**

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

### Optical Properties

	<b>Resolution (µm):</b>
0.02°	

### Electrical

	<b>Maximum Operating Current (mA):</b>
500	

### Hardware & Interface Connectivity

	<b>Type of Drive:</b>
Gear Transmission	
	<b>Computer Interface:</b>
USB-C	

### Threading & Mounting

	<b>Mounting Threads:</b>
(4) M6 x 1.0, (4) M3 x 0.5, (8) M2 x 0.4	

### Environmental & Durability Factors

	<b>Operating Temperature (°C):</b>
10-40	

### Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">Compliant</a>	<b>Reach 224:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## 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.