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70mm, Compact Motorized Rotation Stage, English

70mm, Compact Motorized Rotation Stage

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

- 1 + **A$1,560**.00

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Volume Pricing	
Qty 1+	**A$1,560.00** each
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Product Downloads

General

Type:
English

Note:
Controller Required: #23-931

Type of Motor:
Stepper Motor

Physical & Mechanical Properties

Type of Movement:
Rotary

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

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) 1/4-20, (4) 6-32, (8) 2-56	

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.

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