

70mm., 15mm Travel, Compact Motorized Linear Stage, Metric



70mm., 15mm Travel, Compact Motorized Linear Stage (Front)



Stock **#23-923** 4 In Stock

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C\$1,051^{.05}

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Note: This item requires accessories for use | [Learn More](#)

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SPECIFICATIONS

General

Metric

Type:

Two integrated, adjustable limit switches Controller Required: #23-931		Note:
Stepper Motor	Type of Motor:	
Physical & Mechanical Properties		
Linear (X)	Type of Movement:	
Ball Bearing	Guide System:	
70 x 107	Stage Size (mm):	
15	Travel (mm):	
5	Accuracy (µm):	
50	Backlash (µm):	
Aluminum, 3D Printed Plastic	Construction:	
33	Height (mm):	
1	Load Capacity (kg):	
22	Parallelism (µm):	
3	Repeatability (µm):	
40	Speed (mm/s):	
0.615	Weight (kg):	
1.25	Min. Incremental Movement (µm):	
Optical Properties		
5	Resolution (µm):	
Electrical		
600	Maximum Operating Current (mA):	
Hardware & Interface Connectivity		
Lead Screw	Type of Drive:	
USB-C	Control Interface:	
USB-C	Computer Interface:	
Threading & Mounting		
(9) M6 x 1.0, (4) M3 x 0.5, (8) M2 x 0.4	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 Linear Stages are a cost-effective solution for motorized linear adjustment within an optical system. These stages feature an anodized aluminum stage platform for precision mounting, with a Selective Laser

Sintering (SLS) 3D printed plastic housing for a lightweight but durable construction. The compact overall footprint maximizes space efficiency to add motorization to space constrained systems. Compact Motorized Linear 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.
