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



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



Stock #23-923 **3 In Stock**

1 £612.⁰⁰

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| Qty 1+ | £612.00 each |
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

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.

