

300mm Travel, Motorized Linear Stage, Integrated Controller, Encoder

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150mm Travel, Motorized Linear Stage, #15-289



Stock #22-226 **2 In Stock**

⊖ 1 ⊕ £3,028⁰⁰

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Volume Pricing

Qty 1+	£3,028.00 each
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Product Downloads

General

Universal (Metric & English) **Type:**

Yes **Encoder:**

Yes **Manual Control/ LED Indicators:**

Manufacturer:
Zaber Technologies Inc.

Note:
Requires a 24-48 VDC power supply and either [#15-295](#) for USB connectivity or [#15-297](#) for RS-232 connectivity. A data cable ([#15-296](#) or [#15-299](#)) can be used to daisy chain multiple stages together to control simultaneously.

Type of Motor:
2-Phase Stepper

Encoder Type:
Rotary Quadrature Encoder

Physical & Mechanical Properties

Type of Movement:
Linear (X)

Guide System:
Recirculating Ball Linear Guide

Stage Size (mm):
65 x 511.2

Travel (mm):
300

Accuracy (µm):
50 (unidirectional)

Backlash (µm):
<18

Height (mm):
43.1

Load Capacity (kg):
50

Repeatability (µm):
<3

Speed (mm/s):
0.0003 to 280

Thrust (N):
<75

Weight (kg):
1.8

Encoder Resolution:
500 CPR

Optical Properties

Resolution (µm):
0.49609375

Electrical

Maximum Operating Current (mA):
<1450

Hardware & Interface Connectivity

Type of Drive:
Precision Lead Screw

Power Supply:
Power Supply Required and Sold Separately:
USA: [#15-294](#)
Europe: [#15-294](#)
Japan: [#23-662](#)
Korea: [#33-773](#)
China: [#15-294](#)

Computer Interface:
USB with [#15-295](#)
RS-232 with [#15-297](#)

Environmental & Durability Factors

Operating Temperature (°C):
0 - 50

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 247:
[Compliant](#)

Product Details

