

# 450mm Travel, Motorized Linear Stage, Integrated Controller, Encoder

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



Stock #22-227 **1 In Stock**

⊖ 1 ⊕ €4.380<sup>00</sup>

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### Volume Pricing

Qty 1+	€4.380,00 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 661.2

**Travel (mm):**  
450

**Accuracy (µm):**  
75 (unidirectional)

**Backlash (µm):**  
<18

**Height (mm):**  
43.1

**Load Capacity (kg):**  
50

**Repeatability (µm):**  
<3

**Speed (mm/s):**  
0.0003 to 240

**Thrust (N):**  
<75

**Weight (kg):**  
2.3

**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

