

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

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



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Type of Movement:
Linear (X)

Guide System:
Recirculating Ball Linear Guide

Type of Drive:
Precision Lead Screw

Type:

Universal (Metric & English)
Stage Size (mm): 65 x 511.2
Travel (mm): 300
Accuracy (µm): 50 (unidirectional)
Backlash (µm): <18
Encoder: Yes
Height (mm): 43.1
Load Capacity (kg): 50
Manual Control/ LED Indicators: Yes
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.
Operating Temperature (°C): 0 - 50
Power Supply: Power Supply Required and Sold Separately. USA: #15-294 Europe: #15-294 Japan: #23-662 Korea: #33-773 China: #15-294
Repeatability (µm): <3
Resolution (µm): 0.49609375
Speed (mm/s): 0.0003 to 280
Thrust (N): <75
Type of Motor: 2-Phase Stepper
Weight (kg): 1.8
Computer Interface: USB with #15-295 RS-232 with #15-297
Maximum Operating Current (mA): <1450
Encoder Type: Rotary Quadrature Encoder
Encoder Resolution: 500 CPR

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant