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Zaber™ Linear Motor XY Microscope Motorized Stages See

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- Ultra-Quiet Linear Motors
- 130 x 100mm or 250 x 100mm Travel Options Available
- 1nm Resolution Linear Encoders provide Excellent Accuracy, Repeatability, and Speed
- Compatible with [µManager](#) Open-Source Microscopy Software

Common Specifications

General				
Encoder:		Yes	Manufacturer:	Zaber Technologies Inc.
Type of Motor:		Moving Magnet Track Linear Motor	Encoder Type:	Linear Analog Encoder
Physical & Mechanical Properties				
Type of Movement:		Linear (X-Y)	Guide System:	Crossed Roller Bearing
Accuracy (μm):		5 (Unidirectional)	Backlash (μm):	0
Height (mm):		40.6	Repeatability (μm):	<0.5
Thrust (N):		35	Encoder Resolution:	1nm
Optical Properties				
Resolution (μm):			0.001	
Electrical				
Maximum Operating Current (mA):			2300	
Hardware & Interface Connectivity				
Type of Drive:		Direct Drive Linear Motor	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:		RS-232		
Environmental & Durability Factors				
Operating Temperature (°C):			0 to 50	

Technical Information

Products

Stage Size (mm)	Type	Travel (mm)	Encoder	Stock Number	Price	Buy
280.5 x 381.9	Metric	130 in X 100 in Y	Yes	#70-660	€10.866,50	1 In Stock
280.5 x 501.9	Metric	250 in X 100 in Y	Yes	#70-661	€13.039,80	1 In Stock



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