

TECHSPEC[®] 30mm Travel, 80mm Square TECHSPEC Motorized Linear Stage, English



Stainless Steel Motorized Linear Stages

Stock #72-699 NEW 3-4 DAYS

-

1

+

€2.000⁰⁰

ADD TO CART

Qty 1+

€2.000,00

Volume Pricing

[Request Quote](#)

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

EnglishType:

Stepper MotorType of Motor:

Physical & Mechanical Properties	
Linear (X)	Type of Movement:
Ball Bearing	Guide System:
80 x 80	Stage Size (mm):
30	Travel (mm):
5	Accuracy (μm):
<1	Backlash (μm):
Stainless Steel	Construction:
30	Height (mm):
8	Load Capacity (kg):
15	Parallelism (μm):
±0.5	Repeatability (μm):
20	Speed (mm/s):
1.20	Weight (kg):
16,000 PPR	Encoder Resolution:

Optical Properties

5	Resolution (μm):

Hardware & Interface Connectivity

Lead Screw	Type of Drive:
RS-485, USB	Control Interface:
RS-485, USB	Computer Interface:

Threading & Mounting

(9) 1/4-20, (4) 6-32, (8) 2-56	Mounting Threads:

Environmental & Durability Factors

0-50	Operating Temperature (°C):

Regulatory Compliance

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

PRODUCT DETAILS

- High Precision, Monobloc Designs
- Integrated Motor and Controller
- Compatible with TECHSPEC Manual Stages

TECHSPEC Stainless Steel Motorized Linear Stages are a high-precision motion control solution for automated system alignment. The monobloc stainless steel design features ball bearing guides cut directly into the stage chassis, ensuring higher stiffness, straightness, and parallelism than typical stage assemblies. These motorized stages utilize the same mounting hole patterns as [TECHSPEC Manual Stages and Slides](#), allowing for the creation of combined manual and motorized optical systems, depending on the application's needs; this versatility is unique to Edmund Optics. TECHSPEC Stainless Steel Motorized Linear Stages are easily programmable and daisy chain compatible, ensuring fast setup of multi-axis automated systems. The stages deliver high precision for demanding photonics applications.