Motion Control

Single Axis Stages

Multi-Axis Stages

Motorized Mirror Mounts

Rotation Stages

1/2" (13mm) Motorized Translation Stages

Features

- DC Servo Motor & Optical Encoder
- High Torque Gear Head
- Built-In Mechanical Limit Switches
- Right- or Left-Handed Configuration

The MT3-Z7 provides 1/2" of motorized motion in the X, Y, and Z axes. The motorized actuators use a 0.5mm pitch leadscrew, a 256:1 gear head, and a built-in optical encoder that provides 12,288 counts per revolution to ensure sub-micron positioning. The motor is a 12V DC servo motor with an integral gear head that offers both high resolution and high torque; see page 404 for more information on our DC motors.



ITEM#	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
MT1-Z7	MT1/M-Z7	\$ 659.00	£ 415.20	€ 612,90	¥ 6,293.50	Single-Axis Motorized Translation Stage, 1/2" Travel
MT3-Z7	MT3/M-Z7	\$ 1,978.00	£ 1,246.10	€ 1.839,50	¥ 18,889.90	Three-Axis Motorized XYZ Translation Stage, 1/2" Travel

TOOLS OFTHE TRADE

For More Details,

See Page 352

DC Servo Motor Driver: TDC001

- A T-Cube Series Controller
- USB 2.0 Compliant
- Graphical Computer
- On Unit Manual Controls

The T-Cube series of controllers is an expanding line of modules used to control automated lab processes.



THORLADS