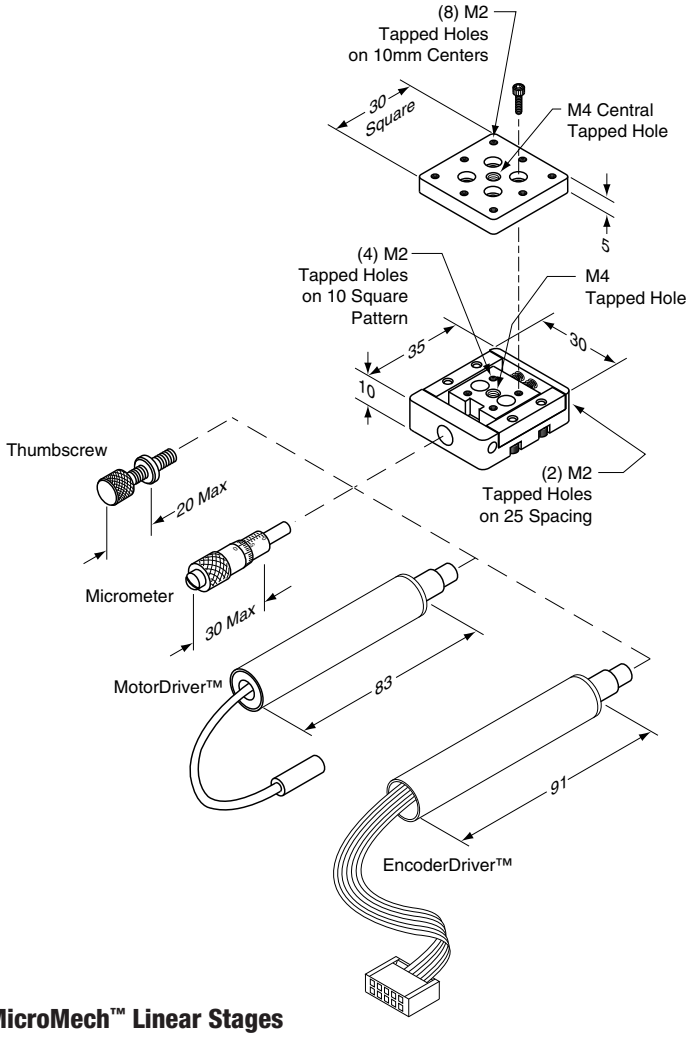
MicroMech™ Linear Stages – How to Motorize

- ***Sub micrometer resolution***
- ***Closed loop computer control or open loop hand control***
- ***Multi-axis motorized positioning***

MicroMech™ Linear Stages can be motorized by replacing the micrometer or thumbscrew with either a MotorDriver™ for remote control with 0.1 µm resolution, or an EncoderDriver™ for full motorized position control from a computer with 0.05 µm resolution.



Specifications

Travel Range: 6.5 mm
Resolution -
MotorDriver Actuator: 0.1 µm
EncoderDriver Actuator: 0.05 µm
Reading Accuracy: 1 division = 10 µm (micrometer version only)
Load Capacity -
Horizontal: 3 kg (6.5 lb)
Vertical: 0.5 kg (1 lb)
(1 kg with drive downwards)
Hole Pattern: M2 x 10 mm sq.

Actuators for MicroMech™ Linear Stages

Catalog Number	Description	Price US
37-0221	10 mm MotorDriver Actuator	$616.35
37-0494	10 mm EncoderDriver Actuator Package	$1,268.40