

MacroMech™ 1-Axis Tilting Stage

- High resolution 1-axis tilt
- Motorizable
- Inch and metric versions
- 7.5° total range

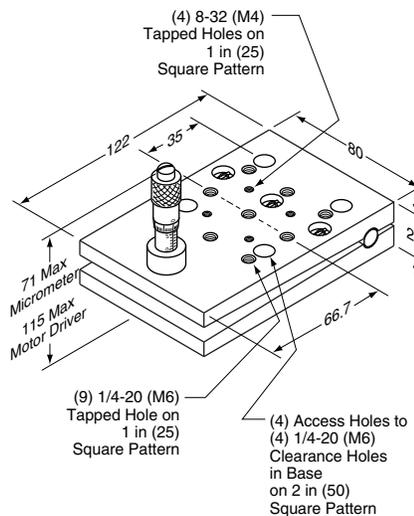


- Optics
- Lenses
- Mirrors & Beamsplitters
- Prisms & Polarizers
- Filters
- Pinholes

This Tilting Stage provides a controlled angular displacement of ± 3.75 degrees. The stage has a pivot at one end and a tilting drive at the other. The baseplate is held in contact with the micrometer or MotorDriver head by three tension springs connecting the platforms, eliminating any backlash in the drive.

The platform position of the manual stage is controlled by a precision micrometer head which reads to 0.01 mm, where one division corresponds to 20 arcsec of displacement.

If motorization is required a MotorDriver or EncoderDriver can be ordered separately to replace the micrometer head in the manual stage. MotorDrivers provide remote control with a resolution of 2 arcsecs and EncoderDrivers offer full motorized control from a computer and 1 arcsec resolution.



74-0386/61-0386
MacroMech™ 1-axis Tilting Stage

- Opto-mechanics
- Breadboards & Rails
- Mounting Hardware
- Mirror & Component Mounts
- Manual Micro Positioners
- Motorized Positioners

Specifications

Range: $\pm 3.75^\circ$

Resolution -

Micrometer Actuator: 5 arcsec

MotorDriver Actuator: 2 arcsec

EncoderDriver Actuator: 1 arcsec

Reading Accuracy¹: 10 arcsec

Load Capacity: 10 kg (22 lb)

Weight: 0.6 kg (1.2 lb)

¹ Micrometer-driver stages only

MacroMech™ 1-axis Tilting Stage (Metric)

Catalog Number	Description	Price US
74-0386	MacroMech 1-axis Tilting Stage, Micrometer, Metric	\$176.40
37-0007	13 mm Travel MotorDriver Actuator	\$616.35
37-0486	13 mm Travel EncoderDriver Actuator Package	\$1,268.40

MacroMech™ 1-axis Tilting Stage (Inch)

Catalog Number	Description	Price US
61-0386	MacroMech 1-axis Tilting Stage, Micrometer, Inch	\$176.40
37-0007	13 mm Travel MotorDriver Actuator	\$616.35
37-0486	13 mm Travel EncoderDriver Actuator Package	\$1,268.40