

The Nano Alignment Mirror mounter Series is designed to construct an optical experimental system more quickly and easily. The MTPAM-LMHB-30M is a 2-axis electrical driven mirror mounter, which is ideal for constructing optical cavity and other optical experiment setup. The MTPAM-LMHB-30M can easily correct the misalignment of even less than 1.0mRad. These misalignments often occur in the optical experimental systems like gravitational wave detectors based on Michelson interferometer.



Save you from a lot of effort spent on alignment.

Type	Kinematic
Adjustment Range /Tilt	$\pm 2.8^\circ$
Adjustment Range /Rotation	$\pm 2.8^\circ$
Resolution /Tilt	$<0.7\mu\text{rad}/\text{rotation}$
Resolution /Rotation	$<0.7\mu\text{rad}/\text{rotation}$
Weight	0.4Kg
Primary material	Aluminum
Coarse Resolution /Tilt	—
Coarse Resolution /Rotation	—
Compatible Optics Diameter	$\phi 30\text{mm}$
Compatible Optics Thickness	3 - 9mm
Fine Adjuster Indicator Conversion /Tilt	—
Fine Adjuster Indicator Conversion /Rotation	—
Fine Adjustment Range /Tilt	—
Fine Adjustment Range /Rotation	—
Finish	Black Anodized/ Blue Anodized

