

Design your own mirror mounts

MIRROR MOUNTS

The mirror mounts are manufactured to exceptionally fine tolerances and provide a new benchmark for stability and precision.

Each 170 turns-per-inch (TPI) adjuster has a thread pitch of 0.15 mm and is fitted with knurled head with an additional hexagon socket for easy adjustment by hand or allen key. This ensures a very precise adjustment of the optical component.

The highly stable front and back plates, together with either 2 or 4 powerful springs, ensures exceptional performance and long-term stability of the mounts.

STAR SERIES

The SR050

- Compact small footprint version
- Excellent for compact setups in tight spaces, while ensuring remarkable stability

The SR100

- Manufactured from special stress free aluminium, these mounts offer the highest quality and stability
- Also available with thicker back plates, and stainless steel M8 adjusters

The SR200

- Mounts designed for holding optics from 2" to 12" diameter
- Special variants are available with the front plate nested in the back plate to maximise the clear aperture for an angled beam



PLANET SERIES

- The PL050 is a compact small footprint version most useful for 0.5" optics, its excellent for compact setups in tight spaces, while ensuring remarkable stability
- The PL100 is our standard mirror mount size, most useful for 1" optics



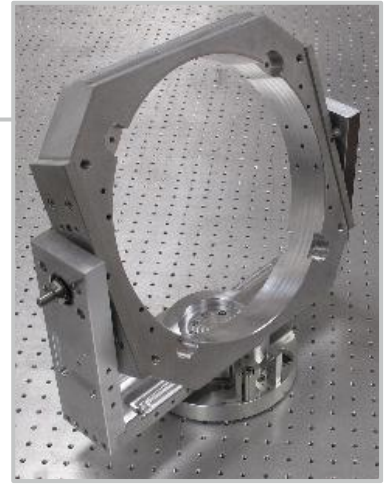
ASTEROID SERIES

- Has fine thread screws made of titanium to be used for OEM applications
- The back plate, front plate and adjusters are manufactured in stainless steel to compensate for thermal expansion and to reduce wear
- This series also has a locking system for the fine thread screws

MIRROR MOUNTS

ANTARES SERIES

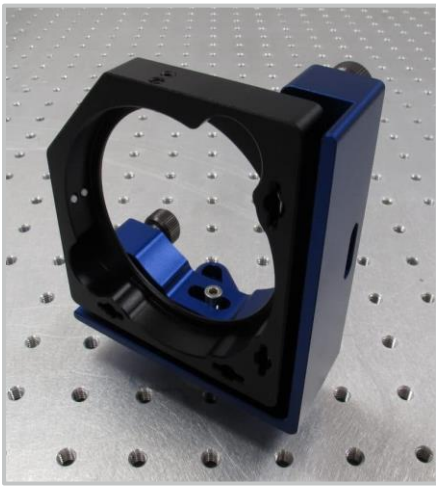
- Gimbal Design
- For large optics according to customer demand
- Adjustment by 170 TPI fine thread screws (standard)
- Available with piezo drive
- Suitable for high vacuum applications



CUSTOM BUILT MIRROR MOUNTS

We can offer specific opto-mechanic solutions to meet exact customer requirements. Some of the custom-made accessories include:

- A high-resolution 5-axis laser table
- Easy and exact alignment
- Diode laser modules up to 100 kg
- Breadboard e.g. 800 mm x 400 mm
- Stainless steel linear translation stage



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