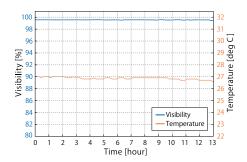


1/2" Mirror Mount

MH050IH_127R





Stability data

The reference data is attached to prototype MH050IH_127, not for every product. (We do not attach the data for each product as we do for MM1000S and BSM1000S).



Special Tool: SCR-ADJ

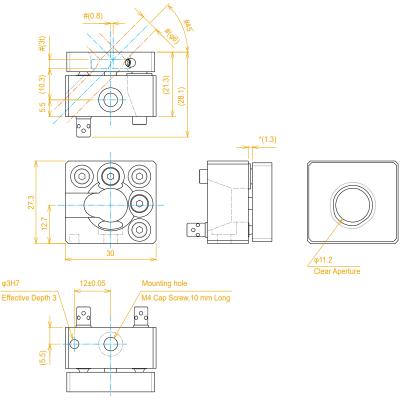
FMD has launched reasonable priced 1/2" mirror mount for cutting-edge researches, based on MM1000S technology. Typical evaluation data shows ultrastable visibility as shown in the lower left. Three ultra precise 0.15 mm pitch screws are used as in MM1000S and BSM1000S. Optical axis heights of 1/2" and 15 mm can be selected by choosing the mounting holes.

MH050IH_127R



Email : info@symphotony.com Web : https://www.symphotony.com/

1/2" Mirror Mount



Material Extra Super Duralumin (ESD)

Surface Finish Anodized (color: gray, sandblasted)

Thickness 28.1 mm

Weight Approx. 49 g (except the optics)

Optics ϕ 1/2", Thickness: 3 to 6.35 mm

Transmitted Light φ11.2 mm (Straight), φ6 (45°)

Mounting Method M4 Cap screw, 15 mm Long

0.15 mm pitch screws (170TPI) Adjustment Screw

Adjustment Angle $\pm 3^{\circ}$

Angular Resolution Tilting direction Rotating direction

 0.00134° (23.6 µrad) when rotated 1°, 0.48° by one revolution 0.00125° (22.0 µrad) when rotated 1°, 0.45° by one revolution

Remarks ·Mirror symmetry model is available

> ·Soft-lock Mechanism is employed. (Pat. application No. 2005-312867)

·Super-fine adjustment of both tilting and rotating directions can be made with almost no backlash by using the specially designed FMD tool SCR-ADJ.