

# Adjustable Mirror / Lens Mount

BEM-5203

The BEM-5203 is designed for securing and fine-tuning optical components in experimental setups. With an inner diameter of  $\Phi 45\text{mm}$ , it accommodates lenses ranging from  $0.5''$  to  $1''$  in diameter. Featuring precision fine-thread adjustment screws, it offers  $\pm 3^\circ$  of three-axis ( $\theta X/\theta Y/\theta Z$ ) angular tuning with a resolution of  $0.003^\circ$ , making it ideal for laser collimation, optical alignment, and other high-precision applications.

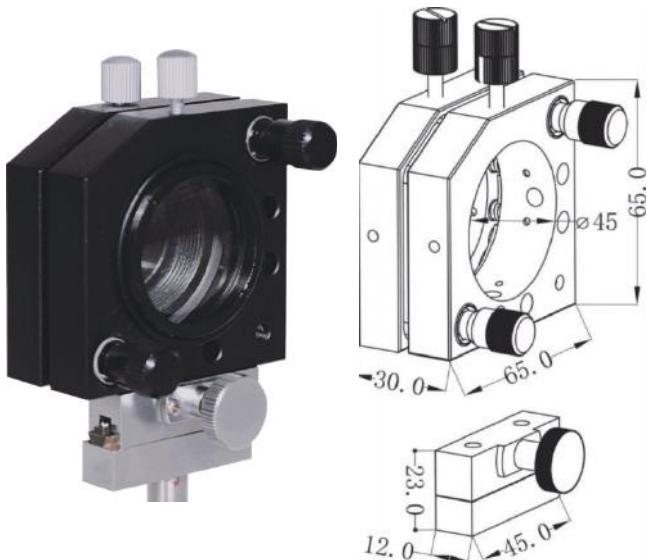
For enhanced flexibility, an optional 1D horizontal translation stage can be added, enabling four-dimensional ( $X/\theta X/\theta Y/\theta Z$ ) precision adjustment.



## Specifications

Model	BEM-5203
Precision Adjustment Mount	Material: Al Dimensions: $65 \times 65 \times 30\text{mm}$ Inner diameter size: $\Phi 45\text{mm}$ , suitable for $0.5''$ - $1''$ optical lenses. Angle adjustment range: $\pm 3^\circ$ Angle adjustment resolution: $0.003^\circ$ . Adjustment screw pitch: $0.5\text{mm}$
One-dimension Horizontal adjustment mount (optional)	Material: Copper plated with nickel Adjustable range: $\pm 10\text{mm}$

## Dimensions (mm)



One-dimension horizontal  
adjustment mount (optional)