

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° , making it ideal for laser collimation, optical alignment, and other high-precision applications.

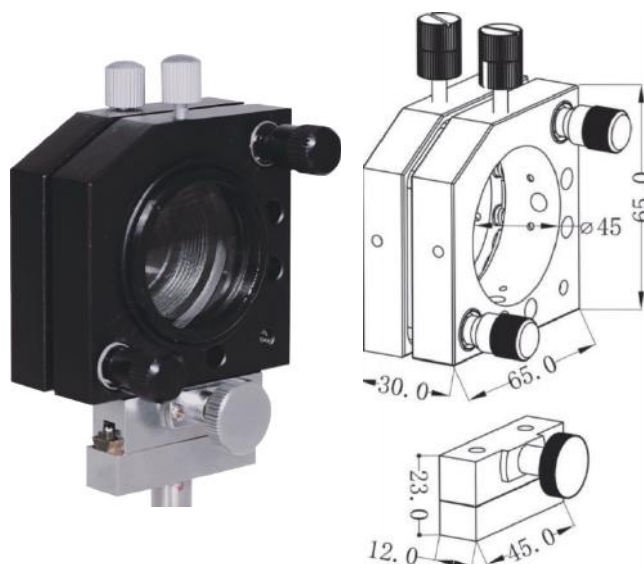
For enhanced flexibility, an optional 1D horizontal translation stage can be added, enabling four-dimensional ($X/\theta X/\theta Y/\theta Z$) precision adjustment.



Specifications

Model	BEM-5203
Precision Adjustment Mount	Material: Al Dimensions: 65 x 65 x 30mm 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° . Adjustment screw pitch: 0.5mm
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)