

# Optical Mount

## BIM-63 Series

The BIM-63 series optical mounts are primarily used as supporting accessories for optical measurement and analysis, designed to work with spectrometers in applications such as transmittance measurement, absorbance measurement, reflectance measurement, fluorescence measurement, Raman measurement, and radiation measurement.



SIM-6302



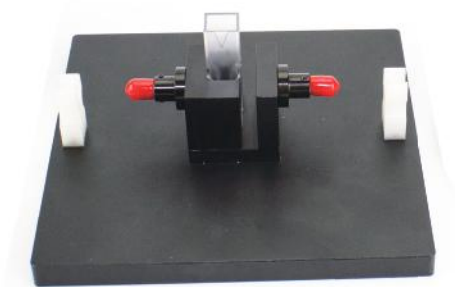
BIM-6302



BIM-6303



BIM-6314



BIM-6305



BIM-6315



BIM-6316



BIM-6321-01

## Specifications

Item	Model	Parameter
Diffuse Reflection Holder	SIM-6302	Diffuse reflectance holder with SMA905 fiber connector, 45° +90° dual-angle design, accepts two Ø10mm filters, 200-2500nm spectral range.
Transmission Holder	BIM-6302	The Solid Sample Transmission Holder is a specialized fixture designed for small, thin, and surface-sensitive solid samples (L200mm x W78mm). It accommodates samples up to 25mm in diameter, such as color filters and other delicate optical elements.
Double-point Reflection Stage	BIM-6303	The dual-point reflection stage is used to secure reflective quartz optical fibers, with one end connected to a spectrometer and the other end to a light source, enabling reflectance measurements of solid and powder samples. It offers high flexibility and strong practicality.
Cuvette Holder	BIM-6305	Use for 1 cm Light-path cuvettes. By coupling the fiber spectrometer and light source through SMA905 connector, a miniature spectrometer system can be formed for measuring the transmittance and absorbance of various liquid samples.
Single-point Reflection Stage	BIM-6314	The single-point reflection stage is designed for securing Y-type fiber optic probes, with adjustable height and angle to meet user-specific experimental requirements.
Inverted Reflection Stage	BIM-6315	The inverted reflection stage is suitable for applications requiring precise measurement of spectral reflectance. It ensures the exact same distance between the sample and the reflection fiber as well as between the reference standard and the reflection fiber.
Integrating Sphere holder	BIM-6316	The integrating sphere holder is specifically designed for securing reflective integrating spheres during diffuse reflectance measurements of solid surfaces. Since reflective integrating spheres typically feature an illumination port at the bottom that prevents direct placement on flat surfaces, this mount ensures optimal stability during spectroscopic measurements. The clamping dimensions of the integrating sphere holder can be customized according to the size of the integrating sphere being held.
Fiber Holder	BIM-6321-01	Adjustable range: 50mm Height adjustment method: coarse adjustment Fiber connector: SMA905