

Newport SL40BD
Gimbal Optical Mount



© Artisan Technology Group

\$995.00

In Stock

Qty Available: 2

Used and in Excellent Condition

Open Web Page

<https://www.artisanng.com/99362-4>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source
for quality pre-owned
equipment.

Artisan Technology Group

(217) 352-9330 | sales@artisanng.com | artisanng.com

- Critical and expedited services
- In stock / Ready-to-ship

- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.



SL Gimbal Optical Mount, 2.0 in. Diameter, (2) BM Micrometers

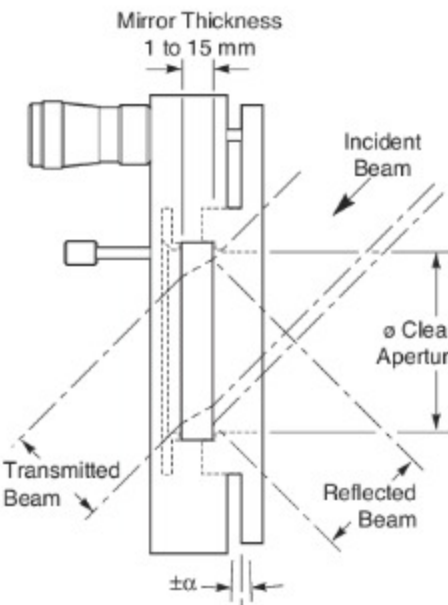
MODEL: SL51BM

Overview

The SL51BM Gimbal Optical Mount is a true gimbal mount for high-resolution azimuth and elevation adjustment of 51 mm diameter mirrors and beamsplitters. The fixed rotational axes intersect at the front surface of the optic, allowing simple, non-coupled rotation without translation. The gimbal design also greatly reduces beam wander and optical path-length changes. These mounts are designed for maximum clear aperture of the transmitted beam at a 45° incident angle. SL Mounts are designed for a single nominal optical diameter for positive, made-to-fit three-point mounting inside the gimbal body. The base plate can be mounted in two places which allows you to convert between right-hand and left-hand operation. SL Series Mounts are configured with a base plate and riser (if required) for a nominal 50 or 75 mm optical axis height. Riser blocks of 25 mm and 50 mm may be placed in any combination beneath the base plate to achieve any optical axis height (>75) which is a multiple of 25 mm. For continuously variable height adjustment we recommend the ECN-80 elevator base. For general applications the included BM Micrometer drives supply graduated settings for repeatable positioning.





















Technical Specs

Optic Diameter	50.8 mm	Material	Steel
Drive Type ⓘ	Micrometer	Mechanism	Gimbal
Adjustments ⓘ	θx, θy	Thread Type	1/4-20 (M6) SLOT
Sensitivity ⓘ	3.9 arc sec	Optical Axis Height	75 mm
Special Features	Gimbal Mount		
Angular Range	±2°		



Related Products


























Accessories

Compare ⓘ	Description	Drawings, CAD & Specs	Avail.	Price
<input type="checkbox"/>	 RH-50 Riser Base, 50 mm, SL Series Optical Mounts	 	In Stock 	\$98 <input type="text" value="1"/> 
<input type="checkbox"/>	 BDK-1 Ball driver Allen Wrench Set, Includes 9 Ball drivers	 	In Stock 	\$30 <input type="text" value="1"/> 
<input type="checkbox"/>	 RH-25 Riser Base, 25 mm, SL Series Optical Mounts	 	In Stock 	\$75 <input type="text" value="1"/> 
<input type="checkbox"/>	 SK-A Stainless Steel Screw Kit, Assortment, Qty 805	 	In Stock 	\$95 <input type="text" value="1"/> 

Similar

Compare ⓘ	Description	Drawings, CAD & Specs	Avail.	Price
<input type="checkbox"/>	 SL51BD Gimbal Optical Mount, 2.0 in., (2) BD Differential Micrometers	 	In Stock 	\$1,399 <input type="text" value="1"/> 
<input type="checkbox"/>	 SL101.6BD Gimbal Optical Mount, 4.0 in., (2) BD Differential Micrometers	 	In Stock 	\$1,754 <input type="text" value="1"/> 

Compatible

Compare ⓘ	Description	Drawings, CAD & Specs	Avail.	Price
<input type="checkbox"/>	 BM11.5 Standard Resolution Micrometer, 5 mm Travel, 9 lb. Load Capacity	 	In Stock 	\$148 <input type="text" value="1"/> 
<input type="checkbox"/>	 BM11.16 Standard Resolution Micrometer, 16 mm Travel, 9 lb. Load Capacity	 	In Stock 	\$172 <input type="text" value="1"/> 
<input type="checkbox"/>	 BM11.25 Standard Resolution Micrometer, 25 mm Travel, 9 lb. Load Capacity	 	In Stock 	\$181 <input type="text" value="1"/> 
<input type="checkbox"/>	 BM17.25 Standard Resolution Micrometer, 25 mm Travel, 23 lb. Load Capacity	 	In Stock 	\$194 <input type="text" value="1"/> 
<input type="checkbox"/>	 BM25.40 Standard Resolution Micrometer, 40 mm Travel, 100 lb. Load Capacity	 	In Stock 	\$363 <input type="text" value="1"/> 

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at [artisanTG.com](https://www.artisanTG.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisanTG.com | [artisanTG.com](https://www.artisanTG.com)

