

ARTISAN®
TECHNOLOGY GROUP

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Find the *Newport / New Focus 9807* at our website: *Click HERE*

New Focus Classic Mirror Mounts

New Focus Classic mirror mounts only look conventional. The combination of a proprietary precision 1/4-80 adjustment screw design, sapphire seats, and thick frames gives superior stability and exact adjustment.

- Closed-aperture mount deisgn
- Thread-matched 80-TPI adjusters
- Low-friction sapphire pads on kinematic surfaces
- Extra stiff frames minimize deflection during alignment

See All Features



Compare	Model	Drawings, CAD & Specs	Optic Diameter	Drive Type	Adjustments	Sensitivity	Special Features
	9773 Valu Center Mirror Mount, 1.0 inch Diameter, 2 Knob Adjustment		25.4 mm	Knob, non-locking	θx, θy	4.4 arc sec	Center Mount
	9807 Classic Center Mirror Mount, 1.0 in., 3 Knob Adjustment		25.4 mm	Knob, non-locking	z, θx, θy	4.4 arc sec	Center Mount
	9807-C Classic Center Mirror Mount, 1.0 in., 3 Micrometer Adjustment		25.4 mm	Micrometer	z, θx, θy	4.4 arc sec	Center Mount
	9807-K Classic Center Mirror Mount, 1.0 in., 3 Allen-Key Adjustment		25.4 mm	Allen-Key, non-locking	z, θx, θy	4.4 arc sec	Center Mount
	9807-L Classic Center Mirror Mount, 1.0 in., 3 Locking Knobs		25.4 mm	Knob, locking	z, θx, θy	4.4 arc sec	Center Mount
	9807-PK Classic Center Mirror Mount, 1.0 in., 3 Knob Adjustment, Pack of 10		25.4 mm	Knob, non-locking	z, θx, θy	4.4 arc sec	10-Pack
	9855 Classic Center Mirror Mount, 2.0 in., 3 Knob Adjustment		50.8 mm	Knob, non-locking	z, θx, θy	3.6 arc sec	Center Mount
	9855-K Classic Center Mirror Mount, 2.0 in., 3 Allen-Keys		50.8 mm	Allen-Key, non-locking	z, θx, θy	3.6 arc sec	Center Mount

Features

Thread-matched Adjusters

Since grease can migrate, causing long-term creep, our Classic mounts are exclusively fitted with thread-matched adjustment screws which take almost no grease. The result is actuators that have very smooth, wobble-free movement, high precision, and mounts with exceptional long-term and thermal stability.





Sapphire Kinematic Pads

Sapphire kinematic pads are used in all New Focus Classic mounts to create contact surfaces for the adjustment screws that have very low friction and will not will not dent under normal use. Sapphire, one of the smoothest and hardest materials on earth, ensures excellent adjustability and stability.

10% Instant Savings on 10-Pack

Ideal for when you are starting a new lab, the 9807 mirror mount is also sold in a cost-saving pack of 10, providing a built-in discount of 10%. Check out more cost-saving packs at www.newport.com/packs



Accessories

Inserter Stages

Compare	Description	Drawings, CAD & Specs
	LNS-1 Optic Inserter Stage, 8-32 Thread	
	M-LNS-1 Optic Inserter Stage, M4 Thread	

Precision Spacers

Compare	Description	Drawings, CAD & Specs
	SP-KT Precision Optical Post/Pedestal Spacer Kit	
	PS-0.125 Optical Pedestal Spacer, 0.125 in. Thick, 1 in. Dia., 8-32 (M4) CLR	
	PS-0.063 Optical Pedestal Spacer, 0.0625 in. Thick, 1 in. Dia., 8-32 (M4) CLR	
	PS-0.031 Optical Pedestal Spacer, 0.03125 in. Thick, 1 in. Dia., 8-32 (M4) CLR	
	PS-0.25 Optical Pedestal Spacer, 0.250 in. Thick, 1 in. Dia., 8-32 (M4) CLR	
	PS-Q Optical Pedestal Cube, 8-32 Mounting Holes	

Optic Adaptors

Compare	Description	Drawings, CAD & Specs
	UPA-SMA Fiber Adaptor, SMA, 25.4 mm Diameter, 5.1 mm Thick	
	UPA-CH1 Cube Beamsplitter Holder, 1 inch, For U100A Mount	
	UPA-FC 0.250 in. Fiber Chuck Adaptor for 1 in. Optic Mounts	
	UPA-45D1 1 in. (25.4 mm) 45° Mirror Holder	
	9924 45° Mirror Adapter, 2 in.(50.8-mm)	
	9920 45° Mirror Adapter, 1 in. (25.4 mm)	

Adjustment Knobs

Compare	Description	Drawings, CAD & Specs
	9361 Removable Knob Set, Standard Adjustment Screw, Quantity 3	

Additional New Focus Mounts

Compare	Description	Drawings, CAD & Specs
	9816-6 Stability Center Mirror Mount, 1.0 in., Anodized Lab Frame, 3 Knobs	
	9809NF Classic Corner Mirror Mount, 1.0 in., 3 Knob Adjustment	
	9808 Classic Corner Mirror Mount, 0.5 in., 3 Knob Adjustment	
	9852 Classic Corner Mirror Mount, 2.0 in., 3 Knob Adjustment	
	9884 Pint-Sized Corner Kinematic Mirror Mount, 1.0 in., 3 Knob Adjust	
	9812 Gimbal Mirror Mount, 1.0 in. Diameter, 2 Knob Adjustment	
	9853 Gimbal Mirror Mount, 2.0 in. Diameter, 2 Knob Adjustment	

Related Products



Broadband Metallic Mirrors



1.0 in. PX Forkless Optical Pedestals and Posts



Translating Gimbal Mirror Mounts



Low Wavefront Distortion Top Adjust Mounts



Solid Aluminum Optical Breadboard Plates



Suprema® Classic Low-Drift Mirror Mounts

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