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Artisan Technology Group

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- Full-service, independent repair center

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Products / Opto-Mechanics / Optical Mounts / Optical Mirror Mounts / Performance Aluminum Mirror Mounts / New Focus Classic Mirror Mounts

ACCESSORIES

New Focus Classic Mirror Mounts

FEATURES

PRODUCTS

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

OVERVIEW



9	Compare	Model D	rawings,	CAD 8	Specs	Optic Diameter	Drive Type Adj	ustments + S		oecial atures
	0	9773 Valu Center Mirror Mount, 1.0 inch Diameter, 2 Knob Adjustment	ß	•		25.4 mm	Knob, non- locking	өх, өу	4.4 arc sec	Center Mount
	Q	9807 Classic Center Mirror Mount, 1.0 in., 3 Knob Adjustment	ß	•		25.4 mm	Knob, non- locking	z, θx, θy	4.4 arc sec	Center Mount
	Q.	9807-C Classic Center Mirror Mount, 1.0 in., 3 Micrometer Adjustment	ß	0		25.4 mm	Micrometer	z, θx, θу	4.4 arc sec	Center Mount
	O	9807-K Classic Center Mirror Mount, 1.0 in., 3 Allen-Key Adjustment	ß	•	⊞	25.4 mm	Allen-Key, non-locking	z, θx, θy	4.4 arc sec	Center Mount
	9	9807-L Classic Center Mirror Mount, 1.0 in., 3 Locking Knobs	ß			25.4 mm	Knob, locking	z, θx, θy	4.4 arc sec	Center Mount
	Q 10:	9807-PK Classic Center Mirror Mount, 1.0 in., 3 Knob Adjustment, Pack of 10	ß	8		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	ß	•	≡	50.8 mm	Knob, non- locking	z, θx, θy	3.6 arc sec	Center Mount
	0	9855-K Classic Center Mirror Mount, 2.0	À	•		50.8 mm	Allen-Key, non-locking	z, θx, θy	3.6 arc sec	Center

Features

Thread-matched Adjusters

in., 3 Allen-Keys

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, wobblefree 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

Drawings, CAD & Specs

Inserter Stages

Description

Optic Inserter Stage, 8-32 Thread

Compare

	-	M-LNS-1 Optic Inserter Stage, M4 Thread			
Pre	Precision Spacers				
8	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	€ 🗏		
	0	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	€ 🗏		
	- CT-0	PS-Q Optical Pedestal Cube, 8-32 Mounting Holes	€ 🖽		

Optic Adaptors @ Compare Description

3 Co	ompare	Description	Drawings, CAD & Specs
		UPA-SMA Fiber Adaptor, SMA, 25.4 mm Diameter, 5.1 mm Thick	€ 🖽
	Y	UPA-CH1 Cube Beamsplitter Holder, 1 inch, For U100A Mount	€ 🗏
	•	UPA-FC 0.250 in. Fiber Chuck Adaptor for 1 in. Optic Mounts	
	0	UPA-45D1 1 in. (25.4 mm) 45° Mirror Holder	
	8	9924 45° Mirror Adapter, 2 in.(50.8-mm)	
		9920 45° Mirror Adapter, 1 in. (25.4 mm)	€ 🗏

Adjustment Knobs Compare Description

	0 0	9361 Removable Knob Set, Standard Adjustment Screw, Quantity 3		
Additional New Focus Mounts				
8 C	ompare	Description	Drawings, CAD & Specs	
	0	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	€ 🖽	

Related Products

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Gimbal Mirror Mount, 2.0 in. Diameter, 2 Knob Adjustment





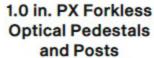
Drawings, CAD & Specs







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Mirror Mounts

Low Wavefront Distortion Top Adjust Mounts

Solid Aluminum **Optical Breadboard Plates**

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