

Kinematic Mirror Mounts for Ø1" and Ø2" Optics



KM200

Directly Mounts
Ø2" (Ø50.8 mm) Optics at
Least 0.16" (4.1 mm) Thick



KM100

Directly Mounts
Ø1" (Ø25.4 mm) Optics at
Least 0.07" (1.8 mm) Thick

Removable Knobs
Expose Hex Sockets

The KM100 and KM200 are our most popular mirror mounts. The models feature brass bushings, high-quality 1/4"-80 adjuster screws, and hardened inserts at key wear points. The stability of these mounts is achieved using thick front and back plates, which support strong springs and enhance performance. For your convenience, these mirrors are stocked for same-day shipment with broadband dielectric mirrors.

- Pitch and Yaw Angular Range
 - KM100: $\pm 4^\circ$
 - KM200: $\pm 3^\circ$
- Improved 1/4"-80 Adjuster Screws for Greater Sensitivity
- Removable Adjuster Knobs Expose Hex Sockets



ITEM #	\$	£	€	RMB	DESCRIPTION
KM100	\$ 39.90	£ 28.73	€ 34.71	¥ 318.00	Kinematic Mirror Mount for Ø1" Optics
KM100-E01*	\$ 148.41	£ 106.86	€ 129.12	¥ 1,182.83	KM100 Kinematic Mount with UV Laser Quality Mirror
KM100-E02*	\$ 103.50	£ 74.52	€ 90.05	¥ 824.90	KM100 Kinematic Mount with Visible Laser Quality Mirror
KM100-E03*	\$ 103.50	£ 74.52	€ 90.05	¥ 824.90	KM100 Kinematic Mount with Near IR Laser Quality Mirror
KM100-E04*	\$ 145.80	£ 104.98	€ 126.85	¥ 1,162.03	KM100 Kinematic Mount with IR Laser Quality Mirror
KM200	\$ 74.10	£ 53.35	€ 64.47	¥ 590.58	Kinematic Mirror Mount for Ø2" Optics
KM200-E02*	\$ 198.10	£ 142.60	€ 172.35	¥ 1,578.86	KM200 Kinematic Mount with Visible Laser Quality Mirror
KM200-E03*	\$ 198.10	£ 142.60	€ 172.35	¥ 1,578.86	KM200 Kinematic Mount with Near IR Laser Quality Mirror

*Prices for mirror mount plus mirror reflect the 10% discount noted below.

Save 10% By Ordering a Mount and Mirror Together

These broadband mirrors offer excellent reflectivity over the stated wavelength ranges. For detailed mirror specifications or to see our extensive line of mirrors, please see pages 768 - 796.

MIRROR	SPECTRAL RANGE	COMMON SPECIFICATIONS	
UV Laser Mirror (KM100-E01)	350 - 400 nm	Substrate Material	Fused Silica
Visible Laser Mirror (KM100-E02, KM200-E02)	400 - 750 nm	Flatness	$\lambda/10$
Near IR Laser Mirror (KM100-E03, KM200-E03)	750 - 1100 nm	Surface Quality	10-5 Scratch-Dig
IR Laser Mirror (KM100-E04)	1280 - 1600 nm	Back Surface	Fine Ground
		Clear Aperture	>90% of Diameter
		Thickness Tolerance	± 0.2 mm
		Diameter Tolerance	+0.0 mm/-0.1 mm

Broadband Dielectric Coatings

These HR Broadband Coatings are highly reflective over the stated wavelength ranges. The plots show the performance characteristics of a typical mirror near the edges of its effective spectral range.

