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Find the *Newport SN100C-F2K* at our website: *Click HERE*



Suprema Clear Edge Mirror Mount, 1.0 in, (2) 127-TPI Locking Actuators

MODEL: SN100C-F2K

$136

In Stock

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Overview

The SN100C-F2K SUPREMA Stainless Steel Clear Quadrant Kinematic Optical Mount is fabricated from pressed and sintered powdered metal stainless steel. Through our patent pending process we create cost-effective pressed and sintered powdered stainless steel mounts with performance comparable to that of wrought stainless steel. Newport's SN100 design has been optimized utilizing our broad experience in opto-mechanics, vibration damping and isolation, optics, and material science. Through comprehensive design, finite element analysis, and rigorous testing, we have achieved performance previously attained only through high cost, custom stainless steel mounts. Our Patented clear quadrant design exposes the edge of the optic, allowing beams to pass close to the edge of a mounted optic. 1 inch (25.4 mm) diameter optics are front loaded and held securely in place against precision mounting pads using the nylon-tipped setscrew, or be epoxied in place. Extensive laboratory testing has shown that epoxying the optic in place provides optimal performance and stability. SN100 mounts have superior adjustability and feel. Polished and lapped carbide pads enable smooth, repeatable motion. This two-actuator configuration with 127 TPI locking Adjustment Screws with knob has tip and tilt adjustability over a range of ±7°. Convenient 8-32 (M4) counterbored clearance holes provide quick, precise, secure and stable mounting. SUPREMA mounts are compatible with standard post and post holder systems for adjustable height and pedestal posts for a stable fixed height.



(/f/suprema-low-drift-mirror-mounts)

Product Series Overview

Suprema® Classic Low-Drift Mirror Mounts (/f/suprema-low-drift-mirror-mounts)

Technical Specs

Optic Diameter	25.4 mm	**Angular Range**	±7°
Adjustments	θx, θy	**Special Features**	Clear Edge
Drive Type	Knob, locking	**Material**	Stainless Steel
Adjustment Screw Thread	127 TPI	**Thread Type**	8-32 (M4) CLR
Mechanism	Kinematic		
Sensitivity	3.0 arc sec		

Resources & Downloads

2D / 3D CAD Software

Download CAD Files

Drawings And Cad

SN100C (/medias/sys_master/images/images/ha9/h84/8933954322462/SN100C.pdf) (348.7

Other

SN100C-F2K RoHS Certificate (/mam/celum/celum_assets/resources/SN100C-F2K_RoHS2017.pdf?1) (280 kB, PDF)

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 (/p/SN100C-R2K-LH)	**SN100C-R2K-LH (/p/SN100C-R2K-LH)** Suprema Clear Edge Mirror Mount, 1.0 in., (2) 127-TPI Locking Act., LH		In Stock	$136
 (/p/9401)	**9401 (/p/9401)** Rotary Mount, 1 inch Waveplates or Polarizers, 8-32 Thread		In Stock	$135
 (/p/U100-A-LH-2K)	**U100-A-LH-2K (/p/U100-A-LH-2K)** Ultima Clear Edge Mirror Mount, 1.0 in., 2 Locking Knob Adjustment, LH		In Stock	$109
 (/p/U100-A2K)	**U100-A2K (/p/U100-A2K)** Ultima Clear Edge Mirror Mount, 1.0 in., 2 Locking Knob Adjustment		In Stock	$109
 (/p/V100-AX)	**V100-AX (/p/V100-AX)** VIZIX Compact Clear Edge Single-Axis Mirror Mount, 1.0 in., Lockable		In Stock	$39
 (/p/SN200-F2K)	**SN200-F2K (/p/SN200-F2K)** Suprema Clear Edge Mirror Mount, 2.0 in., (2) Locking Actuators		In Stock	$212
 (/p/SN100C-F3K)	**SN100C-F3K (/p/SN100C-F3K)** Suprema Clear Edge Mirror Mount, 1.0 in, (3) 127-TPI Locking Actuators		In Stock	$152

Similar

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/U100-A2K)	**U100-A2K (/p/U100-A2K)** Ultima Clear Edge Mirror Mount, 1.0 in., 2 Locking Knob Adjustment		In Stock	$109
 (/p/SN100C-F3H)	**SN100C-F3H (/p/SN100C-F3H)** Suprema Clear Edge Mirror Mount, 1.0 in., (3) 127-TPI Locking Hex Key		1 Week	$152
 (/p/SN100C-R2K-LH)	**SN100C-R2K-LH (/p/SN100C-R2K-LH)** Suprema Clear Edge Mirror Mount, 1.0 in., (2) 127-TPI Locking Act., LH		In Stock	$136
 (/p/SN100C-F2H)	**SN100C-F2H (/p/SN100C-F2H)** Suprema Clear Edge Mirror Mount, 1.0 in., (2) 127-TPI Locking Hex Key		In Stock	$136
 (/p/SN100C-F3K)	**SN100C-F3K (/p/SN100C-F3K)** Suprema Clear Edge Mirror Mount, 1.0 in, (3) 127-TPI Locking Actuators		In Stock	$152

Compatible

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/UPATO)	**UPATO (/p/UPATO)** 1 in. (25.4 mm) Thin Optics Holder		In Stock	$39

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/UPA-OM)	**UPA-OM (/p/UPA-OM)** Objective Lens Adapter, RMS Thread, 1-in. OD		In Stock	$39
 (/p/TRA12CC)	**TRA12CC (/p/TRA12CC)** Miniature Motorized Actuator, 12 mm Travel, DC Servo motor		In Stock	$747
 (/p/UPA-RM1A)	**UPA-RM1A (/p/UPA-RM1A)** Polarizer Rotation Mount, 1 inch, For U100-A Mount		3 Weeks	$53
 (/p/UPA-CH1)	**UPA-CH1 (/p/UPA-CH1)** Cube Beamsplitter Holder, 1 inch, For U100A Mount		In Stock	$75
 (/p/TRA12PPD)	**TRA12PPD (/p/TRA12PPD)** Miniature Motorized Actuator, 12 mm Travel, Stepper, 25-pin D-Sub		In Stock	$714
 (/p/UPA-45D1)	**UPA-45D1 (/p/UPA-45D1)** 1 in. (25.4 mm) 45° Mirror Holder		In Stock	$45

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