

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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

Visit our website - *Click HERE*





Suprema Clear Edge Mirror Mount, 1.0 in., (2) 100-TPI Locking Hex

MODEL: SC100-F2H

Overview

The SC100-F2H SUPREMA Stainless Steel 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 SC100 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 mount. 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 100 TPI locking Hex Adjustment Screws has tip and tilt adjustability over a range of +/- 4 degrees. 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.

Technical Specs

Optic Diameter	25.4 mm	**Adjustment Screw Thread**	100 TPI
Drive Type	Allen-Key, locking	**Material**	Stainless Steel
Adjustments	θx, θy	**Mechanism**	Kinematic
Sensitivity	3.8 arc sec	**Thread Type**	8-32 (M4) CLR
Special Features	Clear Edge		
Angular Range	±4°		

Related Products

Accessories

Compare		Description	Drawings, CAD & Specs
☐		AW-1 Adaptor Washers, 1/4-20 (M6) to 8-32 (M4), Qty 10	
☐		CCL-1 Cable Clamps, Qty 5 Short and 5 Long	
☐		PS-0.125 Optical Pedestal Spacer, 0.125 in. Thick, 1 in. Dia., 8-32 (M4) CLR	
☐		BDK-1 Ball driver Allen Wrench Set, Includes 9 Ball drivers	

Similar

Compare		Description	Drawings, CAD & Specs
☐		U100-AC Ultima Center Mirror Mount, 1.0 in. Diameter, No Actuators	
☐		HVM-.5 Vertical Drive Kinematic Mirror Mount, 0.5 in., 2 Allen-Keys	
☐		SC100-R3H-LH Suprema Clear Edge Rear Load Mount, 1.0 in., 3 100-TPI Locking Hex, LH	
☐		P100-AI21 PERFORMA-i Aperture Mount, 25.4 mm, 2 Allen-Key, 100 TPI	
☐		AG-M050N Compact Piezo Driven Optical Mount, 0.5 inch Optic	
☐		SC100-F3H Suprema Clear Edge Mirror Mount, 1.0 in., (3) 100-TPI Locking Hex	
☐		SS100-F3H Suprema Mirror Mount, 1.0 in, (3) 100-TPI Locking Hex-Broach Actuators	
☐		U50-A1 Ultima Clear Edge Mirror Mount, 0.5 in., (3) 100-TPI Allen-Keys	
☐		SC100-R2H-LH Suprema Clear Edge Rear Load Mount, 1.0 in., 2 100-TPI Locking Hex, LH	
☐		SS100-F2H Suprema Mirror Mount, 1.0 in, (2) 100-TPI Locking Hex-Broach Actuators	

Compatible

Compare		Description	Drawings, CAD & Specs
☐		UPA-OM Objective Lens Adapter, RMS Thread, 1-in. OD	
☐		UPATO 1 in. (25.4 mm) Thin Optics Holder	
☐		UPA-RM1A Polarizer Rotation Mount, 1 inch, For U100-A Mount	
☐		UPA-45D1 1 in. (25.4 mm) 45° Mirror Holder	
☐		UPA-CH1 Cube Beamsplitter Holder, 1 inch, For U100A Mount	

©2019 Newport Corporation. All rights reserved.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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** 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

ARTISAN® TECHNOLOGY GROUP