

For current pricing, please see our website.

CHAPTERS

Tables/
Breadboards

Mechanics

Optomechanic
Devices

Kits

Lab Supplies

SECTIONS

Mini Series

Ø1/2" Post
Assemblies

Ø1" Post
Assemblies

Ø1.5" Post
Assemblies

Mounting/Angle
Brackets

Lab Platforms

Instrument Shelves

Lens Tubes

Cage Systems

Optical Rails

Mirror Mounts

Kinematic Mounts

Fixed Mounts

Translation Mounts

Rotation Mounts

Filter Mounts

V-Mounts

Iris/Apertures

Adapters

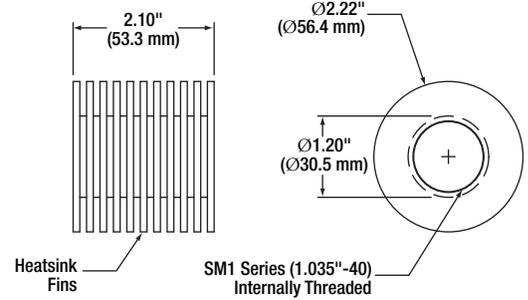
SM1 Series Passive Heat Sink Lens Tube



HSLT1

- Ø2.22" x 2.10" (Ø56.4 mm x 53.3 mm) Package Size
- 0.25 °C/W Thermal Resistance
- SM1 (1.035"-40) Series Internal Threads

The HSLT1 Lens Tube Heat Sink provides the ability to passively cool a lens tube setup that may be subject to an unusual amount of heat. By providing a total surface area of 79 in² (12.2 cm²), the HSLT1 provides a thermal resistance of 0.25 °C/W.



Please refer to our website for complete models and drawings.

ITEM #	\$	£	€	RMB	DESCRIPTION
HSLT1*	\$ 39.00	£ 28.08	€ 33.93	¥ 310.83	SM1 Lens Tube with Passive Heat Sink
SM1RR	\$ 4.50	£ 3.24	€ 3.92	¥ 35.87	SM1 (1.035"-40) Threaded Retaining Ring

*One SM1RR Retaining Ring Included

SM1 Temperature-Stabilized Lens Tube

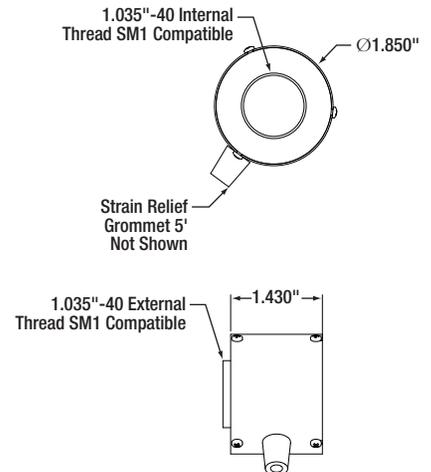
- SM1-Compatible
- Compact and Easy to Use
- Compatible with TC200 Temperature Controller
- Over-Temperature Limit Feature to Protect User and Setup



TC200
Available Separately
(See Page 987)

One Retaining Ring
Included with Each Unit

SM1L10H
Post, Post Holder,
and Base Not
Included



The SM1L10H is a small heating device that is compatible with our extensive line of Ø1.00" SM1 Series lens tubes and accessories. It is an ideal choice for applying heat to optics in order to control their performance via temperature variations, but it can also be used to simply prevent condensation from forming on standard optics.

Optics can be secured inside of the heating chamber using retaining rings (one is included with the lens tube). The SM1L10H is directly compatible with our TC200 Temperature Controller (available separately, see page 987) and contains an embedded NTC 10 kΩ thermistor that provides temperature feedback to the controller, allowing servo control of the internal heating element.

Specifications

- **Temperature Range:** Room Ambient to 75 °C (Max)
- **Dimensions:** Ø1.87" x 1.56"
- **Temperature Sensor:** NTC 10 kΩ Thermistor (BETA = 3750)
- **Heater Resistance:** 19.7 Ω ±1 Ω
- **Maximum Heating Capacity:** 10 W
- **Maximum Heater Current:** 700 mA (at 10 W)

For More Information on the TC200,
See Page 987

ITEM #	\$	£	€	RMB	DESCRIPTION
SM1L10H*	\$ 240.00	£ 172.80	€ 208.80	¥ 1,912.80	Temperature-Stabilized SM1 Lens Tube
SM1RR	\$ 4.50	£ 3.24	€ 3.92	¥ 35.87	SM1 (Ø1.035"-40) Threaded Retaining Ring

*One SM1RR Retaining Ring Included