### **Optomechanics**

**CHAPTERS** 

**Mechanics** 

## **SECTIONS** \(\neg\)

Mini Series

Ø1/2" Post

Ø1.5" Post

**Assemblies Mounting/Angle** 

**Lab Platforms** 

**Instrument Shelves** 

## **Lens Tubes**

Cage Systems

**Optical Rails** 

**Mirror Mounts** 

**Kinematic Mounts** 

**Fixed Mounts** 

**Translation Mounts** 

**Rotation Mounts** 

**Filter Mounts** 

**V-Mounts** 

Irises/Apertures

**Adapters** 

# **SM1 Series of Lens Tube Adapters**

- Combine 1/2", 30 mm, and 2" Optics Within the SM1 Series
- Solid One-Piece Construction Offers Excellent Stability

The SM1 Series of Lens Tube Adapters are internally and externally threaded to accept the mating threads of our standard lens tubes. Lens tubes of different sizes can be combined to form optical assemblies.





Adapters with Internal SM1 Threads

ITEM #	\$	£	€	RMB	DESCRIPTION
SM1A1	\$ 19.75	£ 14.22	€ 17,18	¥ 157.41	Adapter with Internal SM1 Threads and External SM05 Threads
SM1A15	\$ 21.00	£ 15.12	€ 18,27	¥ 167.37	Adapter with Internal SM1 Threads and External SM30 Threads
SM2A6	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	Adapter with Internal SM1 Threads and External SM2 Threads

Adapters with External SM1 Threads

ITEM #	\$	£	€	RMB DESCRIPTION	
SM1A6	\$ 18.75	£ 13.50	€ 16,31	¥ 149.44	Adapter with Internal SM05 Threads and External SM1 Threads, 0.15" Thick
SM1A16	\$ 21.00	£ 15.12	€ 18,27	¥ 167.37	Adapter with Internal SM30 Threads and External SM1 Threads
SM1A2	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	Adapter with Internal SM2 Threads and External SM1 Threads
SM3A1	\$ 29.00	£ 20.88	€ 25,23	¥ 231.13	Adapter with Internal SM3 Threads and External SM1 Threads

#### Adapter with External SM1 Threads and Increased Thickness

ITEM #	\$	£	€	RMB	DESCRIPTION
SM1A6TK*	\$ 19.75	£ 14.22	€ 17,18	¥ 157.41	Adapter with Internal SM05 Threads and External SM1 Threads, 0.40" Thick
*Two SM05RR Retaining	Rings Included				

## RMS to SM1 Thread Adapters

This mount adapts RMS Threaded Standard microscope objectives to our SM1 series lens tube system.



**Low Thermal** 

SM1A3

ITEM #

SM1A3

SM1A4

- SM1A3 features SM1 (1.035"-40) External Threads and RMS (0.800"-36) Internal Threads
- SM1A4 Adapter Designed with SM1 (1.035"-40) Internal Threads and RMS (0.800" 36) External Threads

11A4	(0.000 -30) External Tilleaus								
mal Conductivity Version (See Page 149)									
\$		£		€		RMB			
16.75	£	12.06	€	14,57	¥	133.50			

## M25 x 0.75 to SM1 **Thread Adapters**

These adapters are used to integrate M25 x 0.75 objectives into lens tubes or to create an objective with a lens tube.



- SM1A11 Adapter Designed with (1.035"-40) Internal Threads and M25 x 0.75 External Threads
- SM1A12 has M25 x 0.75 Interna Threads and SM1 (1.035"-40) External Threads

SM1	
al	
	SM1A12

ITEM #	\$		£		€	RMB	
SM1A11	\$ 19.75	£	14.22	€	17,18	¥	157.41
SM1A12	\$ 19.75	£	14.22	€	17,18	¥	157.41

# **C-Mount to SM1 Thread Adapters**

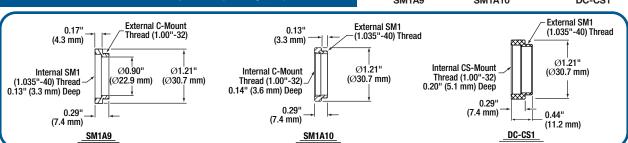
These adapters can be used for integrating C-mount and CS-Mount threaded components such as camera lenses into SM1-threaded assemblies. CS-Mount and C-Mount standards are identical except for the flange focal distance.

SM1A9





Low Thermal Conductivity Version (See Page 149)



ITEM #	\$		£		€	RMB		INTERNAL THREADS	EXTERNAL THREADS	
SM1A9	\$ 19.75	£	14.22	€	17,18	¥	157.41	SM1 (1.035"-40)	C-Mount (1.00"-32)	
SM1A10	\$ 19.75	£	14.22	€	17,18	¥	157.41	C-Mount (1.00"-32)	SM1 (1.035"-40)	
DC-CS1	\$ 26.00	£	18.72	€	22,62	¥	207.22	CS-Mount (1.00"-32)	SM1 (1.035"-40)	