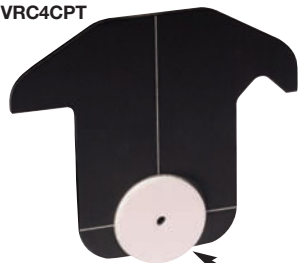


Cage System Alignment Plates

The CPA1 and CPA2 Alignment Plates provide a convenient tool for aligning cage-based optical systems. This drop-in plate features a small through hole at the exact center of the 30 mm cage assembly and is used for aligning visible beams. The CPA1 provides a Ø1 mm pinhole, while the CPA2 provides a Ø5 mm pinhole. The VRC4CPT includes an IR fluorescing alignment disk to align beams with wavelength ranges in the IR absorption bands listed below.

VRC4CPT



- Quick Drop-In Visual Beam Alignment Tool
- Small Through Hole Aligned at Center of 30 mm Cage Assembly
- VRC4CPT Absorption Bands
 - 790 - 840 nm
 - 870 - 1070 nm
 - 1500 - 1590 nm
- Emission Band: ~520 - 580 nm



ITEM #	\$	£	€	RMB	DESCRIPTION
CPA1	\$ 12.00	£ 8.64	€ 10,44	¥ 95.64	Plate with Ø1 mm Pinhole
CPA2	\$ 12.00	£ 8.64	€ 10,44	¥ 95.64	Plate with Ø5 mm Pinhole
VRC4CPT	\$ 29.50	£ 21.24	€ 25,67	¥ 235.12	Plate with IR Alignment Disk

30 mm Optical Cage Plate Gasket



CPG3

This optical gasket is used to create a light-tight interface between two mating 30 mm Cage Mounts. The highly compressible foam, measuring 0.25" (6.4 mm) in an uncompressed state, can easily adapt to uneven surfaces to maintain a light-tight seal between mating parts. Most commonly used in cage assemblies, these gaskets are perfect for highly sensitive instrumentation such as CCD cameras and amplified photodiodes where ambient lighting is sufficient to saturate detection equipment or degrade signal-to-noise ratios.

ITEM #	\$	£	€	RMB	DESCRIPTION
CPG3	\$ 6.20	£ 4.46	€ 5,39	¥ 49.41	Optical Cage Plate Gasket

Round 30 mm Cage Plates

- CP07: Ø2.00" (Ø50.8 mm) Smooth External Diameter, SM1 (1.035"-40) Internal Thread
- CP07T: SM2 (2.035"-40) External Thread, SM1 (1.035"-40) Internal Thread
- Compatible with 30 mm Cage Systems
- Maximum Optic Thickness of 0.19" (4.8 mm)



These plates allow a 30 mm Cage Assembly to be fastened into utility mounts such as our KS2 Ø2.00" (Ø50.8 mm) Kinematic Mirror Mount featured on page 247, which enable fine adjustment of an entire optical assembly.

The CP07 provides a smooth Ø2.00" (Ø50.8 mm) outer diameter, perfect for insertion into any mount designed for Ø2.00" optics. The CP07T offers an SM2-threaded (2.035"-40) outer diameter for compatibility with Ø2.00" Lens Tubes and 60 mm Cage Plates.

Each plate has a centrally located SM1-tapped (1.035"-40) hole for incorporating lens tubes and optics. One SM1RR retaining ring is included with each plate.

5-Axis Alignment System (KS2: Pitch, Yaw, and Z-Axis Translation) (CXY1: X- and Y-Axis)

ITEM #	\$	£	€	RMB	DESCRIPTION
CP07*	\$ 28.00	£ 20.16	€ 24,36	¥ 223.16	Ø2.00" Outer Diameter, 30 mm Cage Plate
CP07T*	\$ 29.00	£ 20.88	€ 25,23	¥ 231.13	Externally SM2-Threaded 30 mm Cage Plate

*One SM1RR Retaining Ring Included.