Precision Cylindrical Lens Kits

Key Features

- *BK 7 or UV grade fused silica*
- *Plano-convex and plano-concave cylindrical lenses*
- *Versatile selection of focal lengths*
- *Convenient size lenses*
- *Easy to identify edge-marked product numbers*
- *Conveniently organized in a protective hardwood case*
- *Antireflection coatings available*

NEW FROM NEWPORT

CYH Series Cylindrical Lens Mounts page 655

Newport's cylindrical lens kits provide a selection of plano-convex and plano-concave lenses. Kits contain research quality lenses in convenient focal lengths from -200 to 300 mm. Master Kits provide a comprehensive selection of lenses, while Introductory Kits provide a more economical selection that can be expanded as required.

All lenses are standard Newport precision cylindrical lenses (see page 359 to 363 for specifications). Lens kits are available with either BK 7 optical glass lenses or UV grade fused silica lenses. All lenses are edge marked with their Newport model number, making them easy to identify and hard to misplace. The edge marking is impervious to standard cleaning solutions.

The lenses are packaged in a protective hardwood case. They are held in place by foam inserts with the slots clearly labeled with Model number and focal length.

BK 7 Master Kit

These lens kits provide a comprehensive selection of lens shapes and focal lengths in BK 7 optical glass. Plano-convex lenses are provided with focal lengths from 25.4 to 300 mm. Plano-concave lenses are provided with focal lengths from -75 to -200 mm.

BK 7 Introductory Kit

These lens kits provide a more economical selection of lenses that can be expanded as required. Like the BK 7 Master Kits, the lenses in these kits are made from quality BK 7 optical glass. Only plano-convex lenses are included in this streamlined version of the Master Kit.

UV Fused Silica Kit

These lens kits contain a comprehensive selection of UV grade fused silica plano-convex lenses. Focal lengths range from 25.4 to 300 mm.

Easy to identify edge-marked product numbers.

Antireflection Coatings

Antireflection coatings can significantly improve the transmission of a multi-element optical system. Any of our broadband AR coatings are available as standard lens kit options. Laser line V-coatings are also available on request. Please see pages 323-324 for more information.

Plano-Convex BK 7 Cylindrical Lenses

Model	EFL (mm)	Included in Master Kit	Included in Introductory Kit
CKX025	25.4	•	•
CKX038	38.1	•	
CKX050	50.2	•	•
CKX062	62.9	•	
CKX075	75.6	•	
CKX100	100	•	•
CKX150	150	•	•
CKX200	200	•	•
CKX300	300	•	

Plano-Concave BK 7 Cylindrical Lenses

Model	EFL (mm)	Included in Master Kit
CKV075	-75	•
CKV100	-100	•
CKV150	-150	•
CKV200	-200	•

Plano-Convex UV Fused Silica Cylindrical Lenses

Model	EFL (mm)	Included in Master Kit
CSX025	25.4	•
CSX050	50.2	•
CSX100	100	•
CSX150	150	•
CSX200	200	•
CSX300	300	•

Ordering Information

Model	
BK 7 Master Lens Kits (13 Lenses)	
CKIT-1	Uncoated
CKIT-1AR.14	AR.14 coated for visible applications 430–700 nm
CKIT-1AR.16	AR.16 coated for NIR applications 650–1000 nm
CKIT-1AR.18	AR.18 coated for IR applications 1000–1550 nm
CKIT-1AR.33	AR.33 coated for Nd:YAG laser applications at 1064 nm
BK 7 Introductory Lens Kits (5 Lenses)	
CKIT-2	Uncoated
CKIT-2AR.14	AR.14 coated for visible applications 430–700 nm
CKIT-2AR.16	AR.16 coated for NIR applications 650–1000 nm
CKIT-2AR.18	AR.18 coated for IR applications 1000–1550 nm
CKIT-2AR.33	AR.33 coated for Nd:YAG laser applications at 1064 nm
UV Fused Silica Lens Kits (6 Lenses)	
CKIT-Q	Uncoated
CKIT-QAR.10	AR.10 coated for UV applications 245–440 nm
CKIT-QAR.14	AR.14 coated for visible applications 430–700 nm

Additionally, the protective hardwood cases can be ordered separately. Please see page 545 for more information.