

## Ocular Three Mirror Universal Lenses

CE	Product Code	Style	Contact OD (mm)	Lens Height (mm)	Image Mag	Laser Spot Mag	Static Gonio FOV	
	<b>Argon/Diode</b> OG3MA	Universal	18	32	.93x	1.08x	140°	
	OG3MA-2	NMR	16	32	.93x	1.08x	140°	
	OG3MFA	with flange	20	33	.93x	1.08x	140°	
	OG3MSA	Small	18	24	.93x	1.08x	140°	
	OG3MSA-2	NMR Small	16	23	.93x	1.08x	140°	
	OG3MPA	17mm	17	26	.93x	1.08x	140°	
	OG3MIA	15mm	15	28	.93x	1.08x	140°	
OG3MA-13	NMR Small Fissure	13	28	.93x	1.08x	140°		
	<b>Diagnostic</b> OG3M	Universal	18	32	.93x	1.08x	140°	
	OG3M-2	NMR	16	32	.93x	1.08x	140°	
	OG3MF	with flange	20	33	.93x	1.08x	140°	
	OG3MS	Small	18	24	.93x	1.08x	140°	
	OG3MS-2	NMR Small	16	23	.93x	1.08x	140°	
	OG3MP	17mm	17	26	.93x	1.08x	140°	
	OG3MI	15mm	15	28	.93x	1.08x	140°	
OG3M-13	NMR Small Fissure	13	28	.93x	1.08x	140°		
	<b>OG3M-10</b>		10	25	.93x	1.08x	140°	
	OG3MSA-IR	Universal	18	34	.93x	1.08x	140°	
	OG3MSFA-IR	with flange	20	35	.93x	1.08x	140°	
	OG3MSA-2-IR	NMR small	16	34	.93x	1.08x	140°	

## Design

- § Three Mirror Universal Lenses provide mirrors for the examination of the fundus and the anterior chamber angle.
- § Three mirrors of 59°, 67° and 73° are arranged at 120° intervals.
- § The small 59° mirror is inclined for gonioscopic procedures. It may also be used for the observation of the vitreous and the fundus near the ora serrata.
- § The middle size mirror is inclined at 67° to observe the peripheral fundus from the ora serrata to the region of the equator.
- § The largest mirror is inclined at 73° to observe the fundus from the equator to an area adjacent to the posterior pole.
- § The posterior pole can be observed through the central axis of the lens.
- § Argon/Diode broad band anti-reflective coatings are bonded to the lenses to minimize reflections and maximize light transmission during laser treatment.
- § Ocular Instruments offers seventeen styles of the Three Mirror Universal Lens, seven of which require no methylcellulose (NMR) during routine eye examinations.
- § An unusually flat cornea (K=38.00) may require use of a drop of methylcellulose or Celluvisc between the cornea and the lens on the NMR styles.
- § OG3MSA-IR, OG3MSFA-IR & OG3MSA-2-IR lenses incorporate an ergonomic rotating feature that greatly improves rotational control while eliminating the need for two handed adjustments.

## Caution

- § When using the lens for photocoagulation, use extreme care to keep the laser beam away from the mirrored edges. If the beam strikes the black area around the mirror, it can be absorbed and burn the area. Mirrors damaged in this way cannot be repaired.

## Design - OG3M-10

- § Three mirrors of 64°, 67° and 73° and a small diameter contact surface for use without methylcellulose.
- § The fundus can be viewed through the central axis of the lens.
- § The multi-layer polymer coating protects mirrors and is compatible with most disinfecting methods.

## Cleaning & Disinfection

See Cleaning Method 1 included with lens.

- For the OG3MSA-IR, OG3MSFA-IR, & OG3MSA-2-IR, remove engraved ring for proper cleaning and disinfection. To remove ring, squeeze two plastic tabs together and slide off. Assemble ring onto lens as pictured.

