RETINA LENS COMPETITIVE COMPARISON CHART

Ocular® Instruments
Creating Solutions to Save Sight

Volk(V1)

PRODUCT		IMAGE MAG	LASER SPOT MAG	STATIC FOV	DYNAMIC FOV	PRODUCT	IMAGE MAG	LASER SPOT MAG	STATIC FOV	DYNAMIC FOV
OMRA-PRP-165 OMRA-PRP-165-2	Ocular Mainster PRP 165 HD (High Definition) Coating	.51x	1.96x	165°	180°	Super Quad® 160 H-R Wide Field	.50x .50x	2.00x 2.00x	160° 160°	165° 165°
OMRA-WF OMRA-WF-2	Ocular Mainster Wide Field HD (High Definition) Coating	.68x	1.50x	118°	127°	PDT Laser Lens Trans Equator®	.67x .70x	1.50x 1.44x	115° 110°	137° 132°
OMRA-WFEX	Ocular Mainster Wide Field EX HD (High Definition) Coating	.64x	1.56x	138°	157°	PDT Laser Lens Trans Equator®	.67x .70x	1.50x 1.44x	115° 110°	137° 132°
OPDT OPDT-2	Ocular PDT 1.6x	.63x	1.60x	120°	133°	PDT Laser Lens	.67x	1.50x	115°	137°
OPR-120 OPR-120-2	Ocular ProRetina 120 PB HD (High Definition) Coating	.50x	2.00x	120°	136°	QuadrAspheric®	.51x	1.97x	120°	144°
ORMR-1X ORMR-1X-2	Ocular Reichel-Mainster 1X HD (High Definition) Coating	.95x	1.05x	102°	133°	H-R Centralis	1.08x	.93x	74°	88°
ORMR-1X-P	Ocular Pediatric Reichel-Mainster 1X HD (High Definition) Coating	1.08x	.93x	98°	126°	Quad Pediatric	.55x	1.82x	100°	120°
ORMR-2X ORMR-2X-2	Ocular Reichel-Mainster 2X HD (High Definition) Coating	.50x	2.00x	117°	142°	Equator Plus®	.44x	2.27x	114°	137°
OMRA-S OMRA-S-2	Ocular Mainster Focal/Grid HD (High Definition) Coating	.96x	1.05x	90°	121°	Area Centralis®	1.06°	.94x	70°	84°
OMRA-HM OMRA-HM-2	Ocular Mainster High Mag	1.25x	.80x	75°	88°	Super Macula 2.2	1.49°	.67x	60°	78°

Ocular Instruments has no affiliation with Volk Optical and provides product statistics from published literature for informational purposes only. QuadrAspheric, Super Quad, Equator Plus, Trans Equator, and Area Centralis are registered trademarks of Volk Optical.

MORE OCULAR INSTRUMENTS ADVANTAGES

SAFER -- Due to our superior optical design, we can use a larger spot size setting with our lens designs than Volk.

Ocular® Instruments PRODUCT	MAXIMUM SPOT SIZE (MICRONS)	Volk PRODUCT	MAXIMUM SPOT SIZE (MICRONS)
OMRA-PRP-165	275	Super Quad®	200
OMRA-WF	400	QuadrAspheric[3]	200
OMRA-S	NA	Trans Equator[3]	300
OMRA-HM	NA	Area Centralis	NA
OPR-120	200	NONE	

[3] Quote from Volk literature: "To avoid excessive laser energy at the crystaline lens, laser spot size settings greater than 200 microns for the QuadrAspheric and greater than 300 microns for the Trans Equator are not recommended."

Our Guarantee
At Ocular Instruments, we take great pride in our reputation for manufacturing the world's highest quality ophthalmoscopic lenses. If, for any reason, an Ocular Instruments product does not meet your requirements or expectations, you can return it to us within 30 days of purchase for a full refund.

OCULAR INSTRUMENTS STAY FOCUSED

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