

Overview of Sensor Medical's Single Use Lenses

SMT Lens	Purpose	Typical procedures	Mirror angle(°)/ Field of View (°)	Image magnification	Laser spot magnification	Competitive comparison
3 Mirror Lens	View/treat all regions	Fundus exam, focal laser, macular grid, PRP , macular edema	59°, 67°, 73° Central view 30°	0.93x	1.08x	Ocular, Volk 3 mirror universal
4 Mirror Lens	Diagnosis of glaucoma	Static/dynamic gonioscopy, Fundus exam	64° Central view 30°	0.8x	NA	Volk G4 Gonio Ocular 4 mirror Gonio
Single Mirror Lens	Treating glaucoma	Trabeculectomy, Trabeculoplasty, SLT	62°	1.0x	1.0x	Ocular, Volk SLT Gonio lens
Fundus Lens	View/treat fundus	Fundus exam, focal laser, macular grid, macular edema	Central view 36°	0.93x	1.08x	Ocular, Volk Fundus lens
Retina 90	Treat AMD and diabetic eye disease	Focal laser, macular grid, diabetic edema	90 static 120 dynamic	1.0x	1.0x	Volk Area centralis Ocular Mainster Std. Ocular Reichel- Mainster x1
Retina 170	Treat diabetic eye, PRP, peripheral retina and AMD	PRP, fundus photography	165 static 175 dynamic	0.52x	1.92x	Volk Super Quad 160 Ocular PRP 165
Retina 180	Treat diabetic eye, PRP, peripheral retina & AMD	PRP	170 static 180 dynamic	0.8x	1.25x	Volk SuperQuad 160 Ocular PRP 165
Capsulotomy Lens	After IOL surgery	Nd:YAG capsulotomy	NA	1.8x	0.56x	Ocular, Volk Capsulotomy
Iridotomy Lens	Treat closed angle glaucoma	Iridotomy, sphincterotomy	NA	1.6x	0.63x	Volk Iridotomy Ocular Abraham iridotomy

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BIO lenses for the operating room or sterile environments

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90D	View fundus at high magnification	Fundus exam	75 static 95 dynamic	0.64x	NA	Volk 90D Ocular 90D
78D Osher Lens	View fundus at high magnification	Fundus exam	80 static 98 dynamic	0.77x	NA	Volk 78D Ocular 78D
60D	View fundus at high magnification	Fundus exam	68 static 81 dynamic	0.96x	NA	Volk 60D Ocular 60D
28D	View fundus at high magnification	Fundus exam	53 static 70 dynamic	2.1x	0.47x	Volk 28D Ocular 28D
20D	View fundus at high magnification	Fundus exam	53 static 62 dynamic	3x	.33x	Volk 20D Ocular 20D

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