

Who are we?

SwissLens is a Swiss manufacturer specialising in made-to-order contact lenses. Our portfolio covers solutions for both regular and irregular corneas, including orthokeratology, scleral lenses, cosmetic and prosthetic contact lenses, providing practitioners and distributors with a comprehensive range of specialty contact lens technologies.

Portfolio Structure:

Contact Lenses		Brief description		Replacement
 Regular Cornea	RGP	OrbiFlex	Single vision spherical lens	12 months (SL12)
		ToriFlex	Single vision Front-Toric or Bitoric lens	
		BoriFlex	Multifocal spherical lens	
		ToreliFlex	Multifocal Front-Toric or Bitoric lens	
	Soft Lenses	Orbis	Single vision spherical lens	3 months (SL3) 6 months (SL6) 12 months (SL12)
		Toris	Highly customized single vision toric lens (Dynamic stabilization or Ballast)	
		Borelis	Multifocal spherical lens	
		Torelis	Highly customized multifocal toric lens (Dynamic stabilization or Ballast)	
 Irregular Cornea	Keratoconus	RGP	FlexCone (T / P) Highly customized lens for Keratoconus (prolate geometry) Also available in Toric and/or multifocal options	12 months (SL12)
		Soft Lenses	HydroCone (P) Specially designed lens for Keratoconus (prolate geometry) Also available in multifocal options	3 months (SL3) 6 months (SL6)
	Irregular Cornea / Refractive post-surgery (oblate)	RGP	FlexMed (P) Oblate geometry lens for refractive post-surgery Also available in multifocal options	12 months (SL12)
		Soft Lenses	HydroMed (P) Specially designed lens for refractive post-surgery corneas (oblate geometry) Also available in multifocal options	3 months (SL3) 6 months (SL6)
 Scleral Lenses	RGP	ScleraFlex Mini	15.10 mm customized scleral lens Also available in Toric and/or multifocal options	12 months (SL12)
		ScleraFlex	Full custom scleral lens Also available in Toric and/or multifocal options	
 Orthokeratology	RGP	NightFlex	Highly customized Ortho-K lens (Myopia / HighMyopia / Astigmatism / Hyperopia / Presbyopia CD and CN)	12 months (SL12)
 Myopia Management	RGP	NightFlex Relax	Myopia management-specific Ortho-K lens	12 months (SL12)
		RelaxFlex	Myopia management-specific spherical lens	
		RelaxFlex T	Myopia management-specific Front-Toric or Bitoric lens	
	Soft Lenses	Relax	Myopia management-specific spherical lens	3 months (SL3) 6 months (SL6)
		Relax T	Highly customized myopia management-specific toric lens (Dynamic stabilization or Ballast)	
 Bandage / Therapeutic	Soft Lenses	Orbis Bandage	Bandage / Therapeutic lens	7 days continuous wear
 Tinted / Filter	Soft Lenses	HydroColor (Orbis)	Single vision tinted spherical lens	Tint → SL3 / SL6 / SL12 Intense → SL3 / SL6 / SL12 Filter → SL6 / SL12
		HydroColor (Toris)	Highly customized single vision tinted toric lens (Dynamic stabilization)	
		HydroColor (Borelis)	Multifocal tinted spherical lens	
		HydroColor (Torelis)	Highly customized multifocal tinted toric lens (Dynamic stabilization)	
 Prosthetics / Occlusion / Pin-Hole	Soft Lenses	HydroColor Pro (Orbis)	Single vision Prosthetic spherical lens	12 months (SL12)
		HydroColor Pro (Toris)	Highly customized single vision Prosthetic toric lens (Dynamic stabilization)	
		HydroColor Pro (Occlusion)	Occluder/Pin Hole single vision spherical lens	





Main specifications range (*)

RGP Lenses

Soft Lenses

Main specifications range (*)		Orthokeratology	Regular Cornea Irregular Cornea Myopia Management	Sclerals
Peripheral zone	Symmetrical (spherical landing) Asymmetrical (peripheral toric landing) Quadrant (quad specific landing)			-
Total Diameter	10.00 mm → 12.00 mm (in 0.10 mm steps)	9.00 mm → 12.00 mm (in 0.10 mm steps)	ScleraFlex Mini: 15.10 mm ScleraFlex: 13.80 mm → 18.80 mm (in 0.10 mm steps)	Regular soft lens: 12.00 mm → 15.00 mm Bandage: 11.30 mm → 21.00 mm (in 0.10 mm steps)
R0	-	4.00 mm → 10.50 mm (in 0.01 mm steps)	-	7.00 mm → 12.00 mm (in 0.01 mm steps)
Sagittal height	-	-	3500 μm → 5310 μm (in ~60 μm steps)	-
Sphere	Myopia up to -9.00 D Hyperopia up to +3.50 D	-40.00 D → +40.00 D (in 0.01 D steps)		-40.00 D → +40.00 D (in 0.01 D steps)
Cylinder	up to -3.50 D	up to -10.00 D (in 0.01 D steps)	up to -8.00 D (in 0.01 D steps)	up to -8.00 D (in 0.01 D steps)
Axis	0° → 180° (in 1° steps)			0° → 180° (in 1° steps)
Multifocal variant	NightFlex Progressive (CD / CN)	Bifocal (Bf) / Simple Progressive (Sp)		Bifocal (Bf) / Simple Progressive (Sp) / Multi Progressive (Mp)
	(Scan QR code or click here) 			(Scan QR code or click here) 
Addition	up to +4.50 D (in 0.25 D steps)	up to +6.00 D (in 0.01 D steps)		up to +6.00 D (in 0.01 D steps)
Zoc (central optic zone size)	0.50 mm → 5.50 mm (in 0.01 mm steps)			0.50 mm → 5.50 mm (in 0.01 mm steps)
Reading zone	CD (Center Distance) CN (Center Near)			CD (Center Distance) CN (Center Near)

(*) for more specific adjustment options, check with the SwissLens Customer Care team



Contact Lens Care Solutions

Brief description

allClean	A contact lens cleaning solution with isopropyl alcohol for all types of lenses (conventional hydrogel soft lenses, silicone hydrogel and RGP lenses). Eliminates lipid deposits
all in one	A multi-purpose solution with hyaluronic acid for the care of all types of soft contact lenses, including silicone hydrogel lenses.
cleanFlex	A surface cleaner for RGP lenses which contains silica in suspension.
one step-T	A fast one-step peroxide system with colour indicator for cleaning all types of contact lenses.
storeFlex	A preservative with hydrating and disinfecting properties which is used to preserve RGP lenses overnight.
all in flex	all in one solution for rigid and gas permeable contact lenses. Cleaning, disinfecting, rinsing, storing and wets.
Isosol	Saline solution with electrolytes



Additional Products

Applicators
Suction cups
Optometry equipment
Tweezers
Ophthalmic strips
Color Charts

For more information about the products available for your practice, please reach out to the SwissLens Customer Care team.



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Corneal / Scleral Topographers

Medmont Meridia™ Vantage

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