

Ophtecs Europe

Product Catalogue 2025

Contact Lenses and Lens Care Solutions



Ophtecs Europe

Ophtecs Europe B.V. was founded in 2018 after Ophtecs Corporation, a Japanese family-owned company, acquired the Dutch contact lens manufacturer Microlens B.V. This merger brought together decades of experience in specialty RGP lens manufacturing of Microlens with the global leadership in contact lens care of Ophtecs.

The company offers a full portfolio of specialty RGP, hybrid, and soft contact lenses, and serves as the exclusive distribution hub for cleadew lens care products across the EMEA region. All cleadew products are fully certified under the Medical Device Regulation (MDR), ensuring the highest standards of safety, quality, and compliance.



Ophtecs

Contact Lens Care Solution Manufacturer

Founded: 1981

Location: Kobe, Japan



microlens

Custom-Made RGP and Scleral Lenses Manufacturer

Founded: 1981

Location: Elst, The Netherlands

PRODUCT CATALOGUE 2025

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Our Products

At Ophtecs Europe, we offer a comprehensive range of contact lens care solutions alongside one of the most extensive selections of contact lenses. Each product is developed with precision to ensure optimal eye health, comfort, and performance, tailored to meet the diverse needs of contact lens wearers around the world.



CONTACT LENSES



CONTACT LENS CARE SOLUTIONS





microlens

01

Contact Lenses

Rigid Gas Permeable Lenses

Microlens GP lenses are designed to provide exceptional visual clarity, lasting comfort, and a stable fit, even for patients with complex corneal shapes. With advanced options such as aspheric, meridian-specific, and quadrant-specific designs, these lenses offer a custom fit for a wide range of corneas. Our multifocal and toric versions offer effective correction for presbyopia and astigmatism.



Microlens GP Asferflex
Microlens GP Eclips
Microlens GP Anatomic

Microlens GP Flexi
Microlens GP Tetra
Microlens GP Alpha

Microlens GP Contact Lens Materials

Property	HP (F2 Low)	PM (F2 MID)	FM (F2 High)	XO (Acuity 100)	OC (Optimum Comfort)
Classification	Focon III 2	Focon III 3	Focon III 4	Hexafocon A	Roflufocon C
Dk	28	50	100	100	65
Wetting angle	19	19	21	49	6
Refractive Index	1.46	1.45	1.44	1.42	1.44
Shore D Hardness	83	83	81	79	79
UV Blocker	Yes	Yes	Yes	Yes	Yes
Handling tint	Blue and Green	Blue and Green	Blue and Green	Blue	Blue



Asfeerflex

The Microlens GP **Asfeerflex** is a high-performance GP contact lens offering comfort, stability, and eye health. Its fully aspheric design ensures an optimal fit and clarity, making it suitable for refractive corrections, up to 2.00 D astigmatism.



Product Specifications

Design Type	Power (D)	Base Curve	Diameter	Material	Cylinder Power	Axis	Add Power	Eccentricity
Spheric	+20.00 to -20.00 D (steps: 0.25D)	7.00 to 9.00 mm (steps: 0.05mm)	8.8 to 10.8 mm (steps: 0.50mm)	HP, PM, FM, XO, OC	N/A	N/A	N/A	0.45 or 0.60
Front Toric	+20.00 to -20.00 D (steps: 0.25D)	7.00 to 9.00 mm (steps: 0.05mm)	9.30 to 10.80 mm (steps: 0.50mm)	HP, PM, FM, XO, OC	-0.50 to -2.50 D (steps: 0.50)	0° to 180° (steps: 5°)	N/A	0.45 or 0.60
Multifocal	+20.00 to -20.00 D (steps: 0.25D)	7.00 to 9.00 mm (steps: 0.05mm)	9.80 to 10.80 mm (steps: 0.50mm)	HP, PM, FM, XO, OC	N/A	N/A	+0.50 to +3.50 D (steps: 0.50)	0.45 or 0.60
Bifocal	+10.00 to -10.00 D (steps: 0.25D)	7.00 to 9.00 mm (steps: 0.05mm)	9.30 to 10.30 mm (steps: 0.50mm)	HP, PM, FM, XO, OC	N/A	N/A	+2.00 to +3.50 D (steps: 0.50)	0.45 or 0.60
Aplanatic	+20.00 to -20.00 D (steps: 0.25D)	7.00 to 9.00 mm (steps: 0.05mm)	9.30 to 10.30 mm (steps: 0.50mm)	HP, PM, FM, XO, OC	N/A	N/A	N/A	0.45 or 0.60
Keratoconus	+20.00 to -20.00 D (steps: 0.25D)	5.00 to 8.00 mm (steps: 0.05mm)	9.30 to 10.30 mm (steps: 0.50mm)	HP, PM, FM, XO, OC	N/A	N/A	N/A	0.90

* Fitting (mean K +0.10mm)

* Multifocal toric not available

microlens

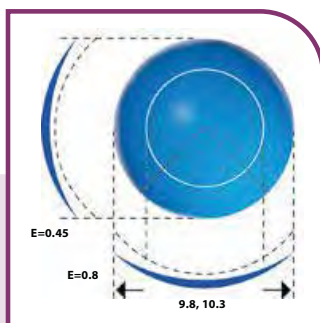
GP

Anatomic

The Asferflex **Anatomic** lenses are quadrant-specific aspheric GP lenses designed for corneas with irregular peripheries, such as those affected by keratoconus. Featuring aspheric geometry, these lenses offer a customized fit that improves stability and comfort.

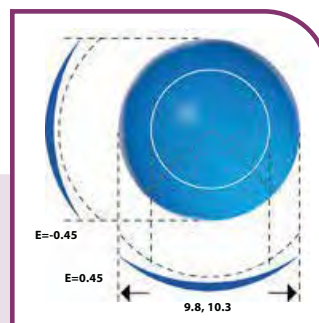
Lens Design

Anatomic Flat



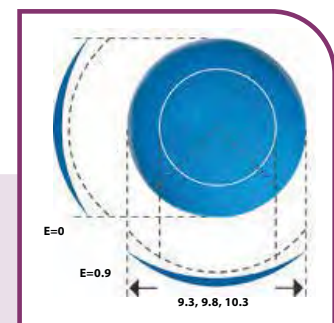
* One quadrant with higher eccentricity (0.80) to flatten the cornea, ideal for corneas with nasal or horizontal peripheral flattening.

Anatomic Steep



* One quadrant with negative eccentricity (-0.45) to steepen the cornea, ideal for corneas with inferior or temporal peripheral steepening.

Keratoconus Anatomic



* Three quadrants with eccentricity (0.90) with one spherical quadrant. First choice for eyes with lower grades and oval types of keratoconus.

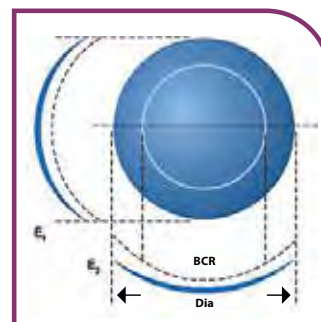
Product Specifications

Design Variant	Eccentricity (3Q / 1Q)	Power (D)	BCR (mm)	DIA (mm)	Material options
Anatomic Flat	0.45 / 0.80	+20.00 to -20.00	6.80 – 8.80 (0.05)	9.8 – 10.30 (0.50)	HP, PM, FM, XO, OC
Anatomic Steep	0.45 / -0.45	+20.00 to -20.00	6.80 – 8.80 (0.05)	9.8 – 10.30 (0.50)	HP, PM, FM, XO, OC
Keratoconus Anatomic	0.90 / 0.00	+20.00 to -20.00	5.00 – 8.00 (0.05)	9.3 – 10.30 (0.50)	HP, PM, FM, XO, OC



Eclips

Microlens GP **Eclips** contact lenses are intended for astigmatism correction, offering a simple and stable fit for toric corneas. With a meridian-specific back curve and options for spherical, toric, or multifocal designs, Eclips lenses provide optimal vision and comfort for astigmatism up to 5.00 D.



Product Specifications

Design Type	Range
Design Type	Eclips 1 - *Eclips 2 - *Eclips 3 - *Eclips 4 - *Eclips 5
Sphere	+20.00 to -20.00D per 0.25D
Cylinder	-0.50 to -2.50 D per 0.50 D
Axis	0° to 180° per 5°
Addition	0.50 to 3.50 D per 0.50 D
Base Curve Radius	6.60 to 8.80 mm per 0.05 mm
Diameter	9.30 to 10.80 mm per 0.50 mm
Material	HP, PM, FM, XO, OC

* Radius selection is based on central K-readings, independent of diameter.

* For radius, use Mean K + 0.10 mm.

* Eclips multifocal lenses cannot be made with prism ballast or front toric designs.

Variations

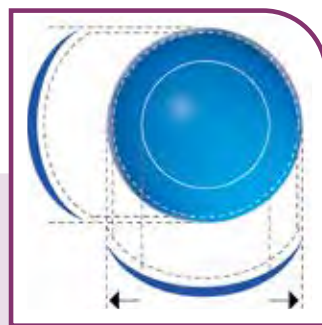
Design Type	Eccentricity (E1)	Eccentricity (E2)	Corneal Meridian Difference (Peripheral)
Eclips 1	0.00	0.45	< 0.40 mm
Eclips 2	0.00	0.60	0.40 to 0.60 mm
Eclips 3	0.00	0.80	0.60 to 0.80 mm
Eclips 4	-0.45	0.80	0.80 to 1.00 mm
Eclips 5	-0.60	0.80	> 1.00 mm

microlens

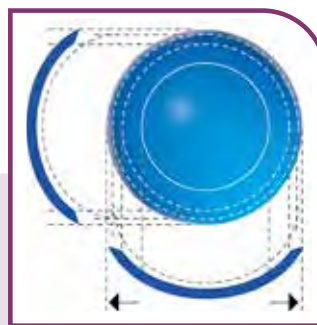
GP

Specialties

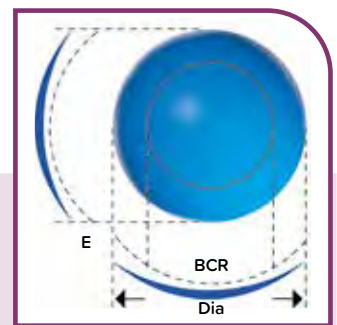
Microlens GP Flexi



Microlens GP Tetra



Microlens GP Alpha



Feature	Flexi	Tetra	Alpha
Indication	Small corneas, high plus Rx, poor centration	General-purpose GP lens	Standard corneas, enhanced edge fit
Base Geometry	Spherical bicurve	Spherical four-curve	Aspheric
Front Geometry	Spherical	Spherical	Spherical
Center Thickness	0.12 mm (@ -3.00 D)	0.15 mm (@ -3.00 D)	0.16 mm (@ -3.00 D)
Base Curve Radius	7.00 – 9.00 mm (in 0.05 mm steps)	7.00 – 9.00 mm (in 0.05 mm steps)	7.00 – 9.00 mm (in 0.05 mm steps)
Diameter / OZ	8.0 mm, OZ 7.2 mm 8.3 mm, OZ 7.5 mm 8.6 mm, OZ 7.8 mm	9.0 mm, OZ 6.8 mm 9.2 mm, OZ 7.0 mm 9.5 mm, OZ 7.2 mm	9.3 mm 9.8 mm
Curve Details	N/A	2nd: 0.6 mm flatter than BCR 3rd: 0.6 mm flatter than 2nd curve Edge: 12.0 mm	N/A
Power Range (Sph)	+20.00 to -20.00 D (in 0.25 D steps)	+20.00 to -20.00 D (in 0.25 D steps)	+20.00 to -20.00 D (in 0.25 D steps)
Materials	HP, FM, XO, OC	HP, FM, XO, OC	PM

Radius Selection: (Mean K +0.10 mm)

02

Scleral Contact Lenses

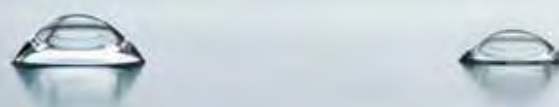
Misa® Scleral Lens – The Lens That Changes Lives

The **Misa® Scleral Lens** is specially designed to restore vision and provide comfort in complex corneal conditions such as keratoconus, dry eye syndrome, and complications following LASIK or corneal transplantation.



The Misa® range includes two variants:

- **Full Misa**
A larger diameter lens offering full scleral coverage for maximum stability and protection.
- **Mini Misa**
A smaller diameter option, ideal for patients with smaller eyes or those requiring less vault, offering easier handling and quicker adaptation.



Product Specifications

	Full Misa® Lenses	Mini Misa® Lenses
Vault Height	2500 micron to 5500 micron in 125 micron steps	2750 micron to 4500 micron in 125 micron steps
Landing Zone	13.0 mm Normal 14.0 mm Wide 15.0 mm Extra Wide	13.0 mm Normal 14.0 mm Wide 15.0 mm Extra Wide
Power Range	-20.00 D to +20.00 D in 0.25 D steps	-20.00 D to +20.00 D in 0.25 D steps
Optical Zone	8.00 mm	8.00 mm
Total Diameter	18.00 mm to 23.00 mm in 0.50 mm steps	16.50 mm to 17.50 mm in 0.50 mm steps
Scleral curve	12.5 to 15.0 mm in 0.25 mm steps	12.5 to 15.0 mm in 0.25 mm steps
Front Toric	-0.75 to -4.75 D in 0.50 D steps Axis from 0° to 180° in 1° increments	-0.75 to -4.75 D in 0.50 D steps Axis from 0° to 180° in 1° increments
Toric scleral curve (T1/T2/T3)	0.50 to 1.50 mm, in 0.25 mm steps	0.75 to 2.25 mm, in 0.25 mm steps
Centre Thickness	500 micron	300 micron
Material	Optimum Extreme	Optimum Extreme
BCR	6.00 mm to 9.90 mm in 0.10 mm step	6.00 mm to 9.90 mm in 0.10 mm step

* Powers higher than +/- 20 D in consultation with Ophtecs

* Combination of toric scleral curve and angulation is not possible

* The angulation can be ordered in four types:

- Steep 1 (S1): 2.5 degrees steeper
- Flat 1 (F1): 2.5 degrees flatter
- Steep 2 (S2): 5 degrees steeper
- Flat 2 (F2): 5 degrees flatter



03

Orthokeratology



ALEXA® AR is a high performance custom made rigid gas permeable orthokeratology contact lens intended for the correction of myopia, hypermetropia, and astigmatism.

○ Product Specifications

Specification	Details
Material	Optimum Extra
Diameter	9.80 – 12.40 mm
Power Range	- Alexa AR: 0 to -5.00 D (in 0.50 D steps) - Alexa AR Plus: -5.50 to -10.00 D (in 0.50 D steps) - Alexa AR H: 0 to +6.00 D (in 0.50 D steps) - Alexa AR Toric: Up to -3.50 D (in 0.25 D steps)
Replacement Schedule	12 month
Recommended Lens Care Solution	cleadew GP + cleadew SLi

Soft Contact Lenses

microlens^{Rx}

Custom-Made Soft Contact Lenses

Microlens Rx are fully customizable soft lenses with a 3 to 12 month replacement cycle. Available in spherical, toric, multifocal, and multifocal toric designs, they suit all corneal shapes and visual needs. The range includes medical lenses for post-LASIK, keratoconus, and bandage use, as well as therapeutic, cosmetic filter, and iris-print lenses.

Microlens Rx **Spheric**

Microlens Rx **Toric**

Microlens Rx **Multifocal**

Microlens Rx **Multifocal Toric**

Microlens Rx **KC**

Microlens Rx **PS**

Microlens Rx **Bandage**

Microlens Rx **Baby lens**

Microlens Rx **Color**

Microlens Rx **Prosthetic**



Material Options

Features	Definitive 74	Igel 77	CTF 67	GM3 58	GM3 49
Material Type	Silicone Hydrogel	Hydrogel	Hydrogel	Hydrogel	Hydrogel
DK Fatt ISO 9913-1	60*/44**	39*/29**	30*/22**	25*/19**	16*/12**
Classification	Filcon V3	Filcon II3	Filcon II2	Filcon II1	Filcon II1
Water Content	74%	77%	67%	58%	49%
Refractive Index	1.37	1.37	1.39	1.41	1.42
Handling Tint	Clear / Blue	Clear	Clear	Clear / Blue	Clear / Blue
UV Protection	Yes (Blue)	Yes	Yes	Yes	Yes
Durability	+	+	++	++	+++
Initial Comfort	+++	+++	+++	++	+
Moistening	+++	++	++	+++	+++
Dry Eye	+++	+++	++	++	+++

Available Parameters

Features	Power (D)	Cylinder (D)	Axis (°)	Add (D)	COZ (mm)	BCR (mm)	Dia (mm)	Material
Spheric	+40.00 to -40.00 per 0.25 D	N/A	N/A	N/A	N/A	7.50 to 12.00 per 0.01mm	11.30 to 15.90 per 0.10 mm	GM3 49, GM3 58, Definitive 74
Toric	+40.00 to -40.00 per 0.25 D	-0.75 to -10.00 per 0.25 D	0° to 180° per 1° Stabilization: Dynamic or Prism Ballast	N/A	N/A	7.50 to 12.00 per 0.01mm	11.30 to 15.90 per 0.10 mm	GM3 49, GM3 58, Definitive 74
Multifocal Toric	+40.00 to -40.00 per 0.25 D	-0.25 to -10.00 per 0.25 D	0° to 180° per 1° Stabilization: Dynamic or Prism Ballast	0.50 to 4.00 per 0.25 D	0.50 to 5.50 per 0.25 mm	7.50 to 12.00 per 0.01 mm	11.30 to 15.90 per 0.10 mm	GM3 49, GM3 58, Definitive 74
MicroLens Rx KC	+40.00 to -40.00 per 0.25 D	-0.25 to -9.00 per 0.25 D	0° to 180° per 1°	0.50 to 4.00 per 0.25 D	0.50 to 5.50 per 0.25 mm	7.40 to 10.80	11.50 to 17.00 per 0.10 mm	GM3 58, Definitive 74
MicroLens Rx PS	+40.00 to -40.00 per 0.25 D	-0.75 to -7.75 per 0.25 D	0° to 180° per 1° Stabilization: Dynamic	0.50 to 4.00 per 0.25 D	1.00 to 4.00 per 0.25 mm OZ: 5.00 tot 8.50 per 0.25 mm	per 0.01 mm	12.00 to 16.00 per 0.10 mm	GM3 58, Definitive 74
Bandage	Plano	N/A	N/A	N/A	N/A	7.00 tot 12.00 per 0.10 mm	13.00 to 19.00 per 0.10 mm	Definitive 74
Bandage XL	Plano	N/A	N/A	N/A	N/A	10.50 to 15.00 per 0.10 mm	21.00 mm	IGEL 77
Baby Lens	+40.00 to -40.00 per 0.25 D	N/A	N/A	N/A	N/A	7.00 to 12.00 per 0.10 mm	12.00 to 15.00 per 0.10 mm	Definitive 74
Prosthetic	-40.00 to +40.00 (0.01)	-0.25 to -8.00 (0.01)	0 to 180 (1)° per 1°	+0.50 to +4.00 (0.01)	1.00 to 5.50 (0.01)	7.00 to 12.00 (0.01)	11.50 to 16.20 per 0.10 mm	Contaflex 67

vue-uno

monthly vue-uno

Silicone Hydrogel Contact Lens



Features

- High Oxygen Permeability
- Unique Coating Technology
- Hydro-Moisture Retention
- Superior Wettability
- Silk Edge Design
- FDA Class II UV Protection
- Outstanding Wearing Comfort
- Great Reliability & Durability



○ Product Specifications

Design	Spheric
Lens Material USAN	Toufilcon B
Type	Silicone Hydrogel
Water Content	50%
Power Range	+4.00D to -12.00D +4.00D -6.00D, 0.25D per step. -6.00D -8.00D, 0.50D per step.
Base Curve	8.8 mm
Diameter	14.1 mm
Oxygen Transmissibility	113.75 Dk/t
Modulus	0.65 - 0.75 MPa
UV Block	Class II
Visibility Tint	Blue
Package	6 pcs

05

Hybrid Contact Lenses



○ SynergEyes Hybrid Contact Lenses

○ Product Specifications

Product Name	Skirt Curves	Base Curves/Vault	Lens Powers	Materials	Add Zone Size/Add Powers
Duette®	8.7 Flat2, 8.4 Flat, 8.1 Med, 7.9 Steep	7.1 to 8.3 in 0.1mm steps	+10.00 to -15.00D (0.25D steps), +8.00 to -8.00D (0.25D steps)	84-Dk SiHy skirt, 130-Dk GP center, Class II UVA/UVB Blockers, Tangible® Hydra-PEG Coating	N/A
Duette® Progressive	8.7 Flat2, 8.4 Flat, 8.1 Med, 7.9 Steep	7.1 to 8.3 in 0.1mm steps	+5.50 to -10.00D (0.25D steps), +5.50 to -8.00D (0.25D steps)	84-Dk SiHy skirt, 130-Dk GP center, Class II UVA/UVB Blockers, Tangible® Hydra-PEG Coating	Add: +0.75 to +5.00D, CD Zone: 1.8-4.0mm, CN Zone: 3.0mm
Duette® Multifocal	8.7 Flat2, 8.4 Flat, 8.1 Med, 7.9 Steep	7.1 to 8.3 in 0.2mm steps	+5.50 to -10.00D (0.25D steps), +5.50 to -8.00D (0.25D steps)	84-Dk SiHy skirt, 130-Dk GP center, Class II UVA/UVB Blockers, Tangible® Hydra-PEG Coating	Zones: Small, Large Power: Single Progressive Add Zone
UltraHealth®	50-250µm: 8.7 Flat2, 8.4 Flat, 8.1 Med, 7.9 Steep	50 to 550µm in 50µm steps	+10.00 to -20.00D (0.50D steps), +2.50 to +10.00D (0.50D steps)	84-Dk SiHy skirt, 130-Dk GP center, Class II UVA/UVB Blockers, Tangible® Hydra-PEG Coating	N/A
SynergEyes®A	1.0mm, 1.3mm Flatter than Base Curve	7.0 to 8.2 in 0.1mm steps	+20.00 to -20.00D (0.25D steps), +8.00 to -8.00D (0.25D steps)	Hema skirt, 100-Dk GP center	Extended Range Skirt Curves: 0.7mm and 1.6mm
SynergEyes® Multifocal	1.0mm, 1.3mm Flatter than Base Curve	7.0 to 8.2 in 0.1mm steps	+5.00 to -20.00D (0.25D steps), +5.00 to -8.00D (0.25D steps)	Hema skirt, 100-Dk GP center	Zones: 1.9mm, 2.2mm Power: +0.75D, +1.25D, +1.75D, +2.25D
SynergEyes®KC	0.2mm steps	7.9, 8.2, 8.5, 8.8, 9.1	+20.00 to -20.00D (0.50D steps)	Hema skirt, 100-Dk GP center	N/A
ClearKone®	Flat, Medium, Steep, Steep2	50 to 600µm in 50µm steps	+10.00 to -20.00D (0.25D steps), +10.00 to +2.50D (0.50D steps)	Hema skirt, 100-Dk GP center	Extended Range Vaults: 650, 700µm
SynergEyes®PS	8.3mm or 8.6mm	7.2 to 9.0 in 0.2mm steps	+6.00 to -20.00D (0.25D steps), +6.00 to -8.00D (0.25D steps)	Hema skirt, 100-Dk GP center	Lift: L1 Flat, L2 Med, L3 Steep

EyeBrid: Hybrid Contact Lenses

EyeBrid - Silicone

For regular/irregular corneas

For whom?	Available Parameters	
<ul style="list-style-type: none"> • RGP symptomatic wearers • High ametropia • Astigmatism • Regular corneas • Keratoconus and any other corneal irregularities • Piggyback • Myopia/Hyperopia 	Base Curve	From 5.50 to 10.00 mm in 0.05 mm steps
	ØT	14.90 mm by default (available in 14.00 / 14.50 / 15.50 mm on request)
	Power	From -40.00 to +40.00 D in 0.25 D steps
	Cyl	From -0.50 to -6.00 D in 0.25 D steps
	Axis	All axis by 1°
Others: <ul style="list-style-type: none"> ✓ Daily wear ✓ Renewal every 6 months ✓ HYDRA-PEG TREATMENT INCLUDED 	Skirt J	From -1.0 to +1.0 in 0.5 steps
	Materials	ESiH by default / E200 on request

EyeBrid - Airkone

For Keratoconus

For whom?	Available Parameters	
<ul style="list-style-type: none"> • Keratoconus • RGP symptomatic wearers • Astigmatism • Presbyopia 	Base Curve	From 4.40 to 8.50 mm in 0.05 mm steps
	Edge Lift	From -1.3 to +3.0 in 0.1 steps
	ØT	14.90 mm by default (available in 15.50 mm on request)
	Power	From -40.00 to +40.00 D in 0.25 D steps
	Cyl	From -0.50 to -6.00 D in 0.25 D steps
Others: <ul style="list-style-type: none"> ✓ Daily wear ✓ Renewal every 6 months ✓ HYDRA-PEG TREATMENT INCLUDED 	Axis	All axis by 1°
	Skirt J	From -1.0 to +1.0 in 0.5 steps
	Materials	ESiH by default / E200 on request

EyeBrid - Oblate

For oblate corneas

For whom?	Available Parameters	
<ul style="list-style-type: none"> • Post refractive surgery • Post corneal graft • AirKone Oblate symptomatic wearers • Oblates corneas • Astigmatism 	Base Curve	From 8.00 to 11.00 mm in 0.05 mm steps
	Eccentricity	From -1.5 to 0.0 in 0.1 steps (standard 0.0)
	ØT	14.90 mm by default (available in 15.50 mm on request)
	Power	From -40.00 to +40.00 D in 0.25 D steps
.....		
Others: <ul style="list-style-type: none"> ✓ Daily wear ✓ Renewal every 6 months ✓ HYDRA-PEG TREATMENT INCLUDED 	Skirt J	From -1.0 to +1.0 in 0.5 steps
	Materials	ESiH by default / E200 on request

EyeBrid - Silicone Multifocal / AirKone Multifocal / Oblate Multifocal

For whom?	Available Parameters	
<ul style="list-style-type: none"> • Presbyopia • RPG's symptomatic wearers • High ametropia • Astigmatism • Myopia/Hyperopia • Irregular corneas 	Base Curve	From 4.40 to 11.00 mm in 0.05 steps (refer to the available BC of the unifocal lens)
	ØT	14.90 mm by default (available in 14.00 / 14.50 / 15.50 mm on request)
	Power	From -40.00 to +40.00 D in 0.25 D steps
	Cyl	From -0.50 to -6.00 D in 0.25 D steps
.....		
Others: <ul style="list-style-type: none"> ✓ Daily wear ✓ Renewal every 6 months ✓ HYDRA-PEG TREATMENT INCLUDED ✓ Available in center distance and center near design 	Axis	All axis by 1°
	Additions	From +0.75 to +3.50 D in 0.25 D steps
	Skirt J	From -1.0 to +1.0 in 0.5 steps
	Materials	ESiH by default / E200 on request

06

Contact Lens Care Solutions

cleadew
ADVANCED CARE SYSTEM

The trusted choice for lens care excellence

cleadew® offers a full range of advanced contact lens care solutions, compatible with all lens types and certified under the EU Medical Device Regulation (MDR).

cleodew Product Portfolio

Povidone-Iodine Based Solutions

cleodew **For Soft**



cleodew **GP**



cleodew **SL**



cleodew Multipurpose Solutions

cleodew **MPS**



cleodew **GP Hydra One**



cleodew Saline Solutions

cleodew **SLi**



cleodew **Care Solution**



cleadew
ADVANCED CARE SYSTEM

For Soft

**Povidone-Iodine
Based System**

For all soft contact
lenses, including
silicone hydrogel



Dissolving and rinsing solution

Tablets



Structure of tablet

Outer layer:
Povidone-Iodine

Inner core:
Neutralizer and protease

* Surface coating dissolves
gradually.





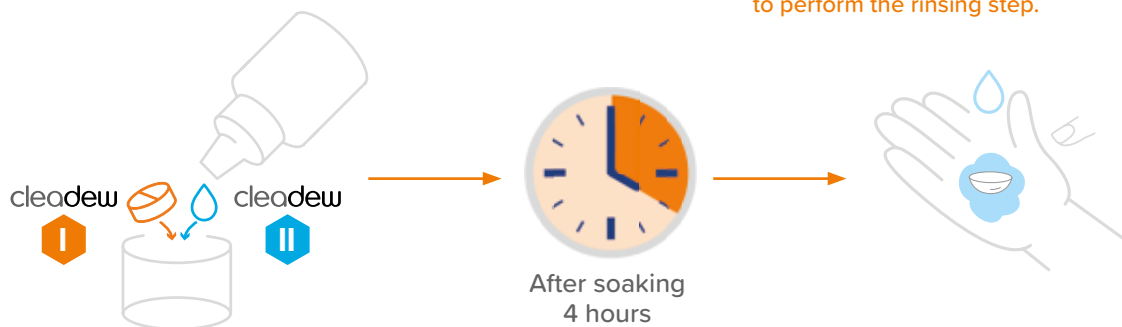
For Soft

Usage

Insert the lens, add the disinfection/neutralizing tablet and the dissolving and rinsing solution in the case up to the marked line and close the cover.

Remove the lens from case, rinse with rinsing solution, and wear.

* For removing the contamination degraded material and destroyed bacteria, be sure to perform the rinsing step.



Color changes



Neutralizing



When the color changes from orange to clear, disinfection is complete. After that, the protease cleans the lens.

Product Specifications

System	Two-step cleaning and disinfection system
Size	385ml
Active Ingredients	Disinfectants: Povidone-Iodine (0.05%) Neutralizer: Ascorbic acid Cleaning agents: Proteolytic enzyme
Pack Contains	1 x Dissolving and rinsing solution 30 x Neutralising / cleaning tablets 1 x Soft lens barrel case
Disinfection Time	Minimum 4 hours

cleadew
ADVANCED CARE SYSTEM

GP

**Povidone-Iodine
Based System**

**For Rigid Gas
Permeable Lenses
(RGP), including
Ortho-K lenses**



Rinsing solution (cleadew Care Solution): 120ml x 1
Hydrogen peroxide as preservative (0.004%),

🛡️ Boric acid

Disinfecting solution: 120mL x 1
Povidone-Iodine (0.05%),
🛡️ Boric acid

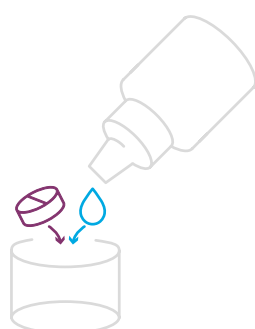


Neutralizing and cleaning tablet: 30 tablets
Sodium sulfite (2.4mg/tablet),
Proteolytic enzyme (8.0mg/tablet)

Usage

- Wash your hands well with mild soap before handling your contact lenses.
- Be sure to use the dedicated care system!

- Place the lenses into the case.
 - Close the case lid on one side, put a neutralizing and cleaning tablet in, and fill up to 90% of the case with the orange disinfecting solution.
 - Close the lid on the other side tightly.
 - Soak the lenses for over four hours (or overnight).
 - Confirm that the lenses and the solution are clear.
- Open the lid on one side and discard the solution in the lens case.
 - Remove the cleaned/disinfected lenses from the holder. Hold each lens with your fingers and rinse both sides with **cleadew Care Solution** for at least 10 seconds.



Check color!



CAUTION

Avoid using saline or MPS solutions containing sodium chlorite as a preservative or disinfectant.

- After the care of the lenses is completed, wash the lens case with **cleadew Care Solution** and allow it to air dry.

Product Specifications

System	Two-step cleaning and disinfection
Size	Duo Pack – 120ml + 120ml
Active Ingredients	Disinfectants: Povidone-Iodine (0.05%) Neutralizer: Sodium sulfite Cleaning agents: Proteolytic enzyme and Anionic surfactant
Duo Pack Contains	1 × cleadew GP disinfecting solution 1 × cleadew rinsing solution 30 × Neutralising / cleaning tablets 1 × GP lens barrel case
Disinfection Time	Minimum 4 hours

cleadew
ADVANCED CARE SYSTEM

SL

**Povidone-Iodine
Based System**

For Scleral Contact Lenses

WORLD'S **FIRST** disinfecting,
cleaning and neutralizing system
for scleral contact lenses.



Rinsing solution (cleadew Care Solution): 360ml x 1
Hydrogen peroxide as preservative (0.004%),
🚫 Boric acid

Disinfecting solution: 300ml x 1
Povidone-Iodine (0.05%),
🚫 Boric acid

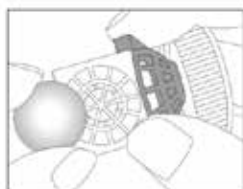
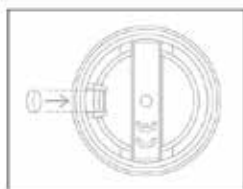


Neutralizing and cleaning tablet: 30 tablets
Sodium sulfite (2.4mg/tablet),
Proteolytic enzyme (8.0mg/tablet)

Usage

①

- Place a neutralizing and cleaning tablet into the slot (slit) of the dedicated case.
- Place the lenses in the lens holder of the case.
- Fill the case with the disinfecting solution up to the marked line.



②

- Close the case lid and let it stand for at least four hours.
- Confirm that the lenses and the solution are clear.



③

- Remove the cleaned/disinfected lenses from the holder. Hold each with your fingers and rinse both sides with **cleadew Care Solution** for at least 10 seconds.

④

- After the care of the lenses is completed, wash the lens case with **cleadew Care Solution** and allow it to air dry.

CAUTION

Avoid using saline or MPS solutions containing sodium chlorite as a preservative or disinfectant.

Product Specifications

System	Two-step cleaning and disinfection
Size	Duo Pack – 300ml + 360ml
Active Ingredients	Disinfectants: Povidone-Iodine (0.05%) Neutralizer: Sodium sulfite Cleaning agents: Proteolytic enzyme and Anionic surfactant
Duo Pack Contains	1 × cleadew SL disinfecting solution 1 × cleadew rinsing solution 30 × Neutralising / cleaning tablets 1 × Scleral lens barrel case
Disinfection Time	Minimum 4 hours



MPS

**Multipurpose
Solution**

Dual Disinfectant Multi-Purpose Solution For All Soft Contact Lenses With SMD Technology

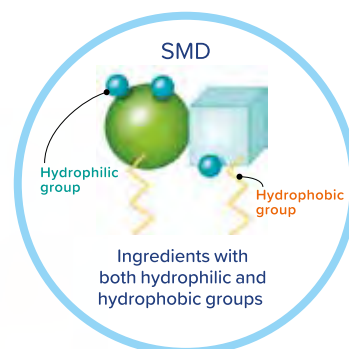
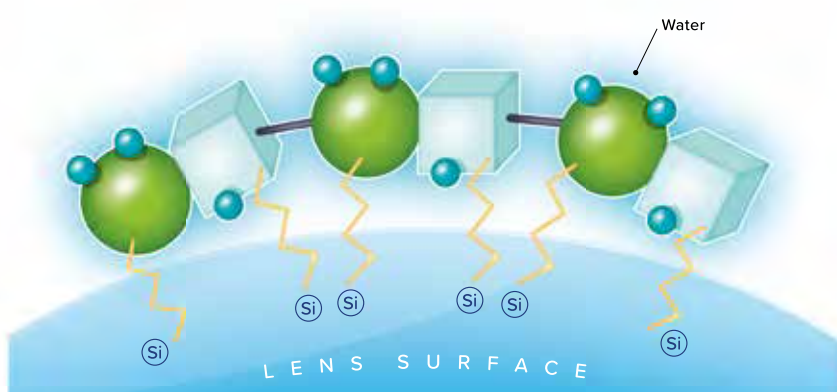


What is Super Moist Dew (SMD) Technology?

The SMD Technology is a new development that introduces the hyaluronic acid derivative “SMD”, which coats the contact lens surface.

The hydrophobic group of SMD has an affinity for silicon (Si) on silicone hydrogel lenses, thereby making the lens surface hydrophilic and keeping it moisturized for a long time.

Accordingly, the lens sustains its improved wettability until the day of lens replacement.





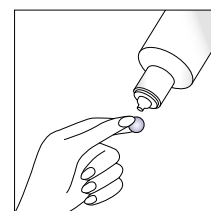
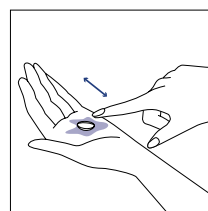
MPS



Usage

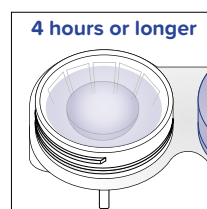
①

- Remove the contact lens from your eye and place it on your palm. Place a few drops of **cleadew MPS** on each lens surface and rub 20-30 times with your finger. Rinse the lens thoroughly for 5 seconds with fresh **cleadew MPS**. Repeat with second lens.



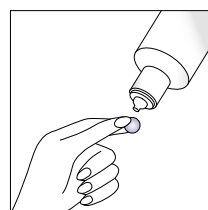
②

- Fill the lens case with **cleadew MPS** and place the lenses into the lens case. Close the lens case tightly. Soak the contact lenses for at least 4 hours (or overnight).



③

- Rinse lenses for 5 seconds with **cleadew MPS** before wearing.



CAUTION

After the lens care, rinse the lens case with **cleadew MPS** and allow to air dry.



Product Specifications

System	Multipurpose solution for disinfecting, cleaning, rinsing and storing for all soft contact lenses
Size	360ml
Active Ingredients	Disinfectants: Polyhexamethylene biguanide (0.00011%), Alexidine dihydrochloride (0.0004%) Cleaning agents: Poloxamer Wettability enhancer: Hyaluronic acid derivative (HAD)
Duo Pack Contains	1 × cleadew MPS solution 1 × Soft lens flat case
Disinfection Time	Minimum 4 hours

cleadew
ADVANCED CARE SYSTEM

cleadew GP
Hydra One

**Multipurpose
Solution**

GP Hydra One

Dual Disinfectant Multi-Purpose
Solution For All Rigid Gas Permeable
Contact Lenses With Super Moist
Dew (SMD) Technology



SMD Technology Improves Lens Wettability

SMD accumulates on the lens surface through daily lens care and keep the lens hydrated with tearfluid to reduce the feeling of dryness when wearing the lens.

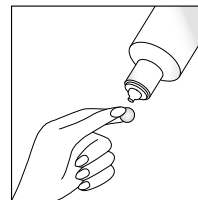
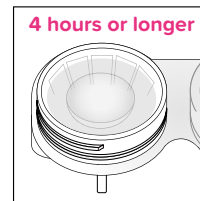
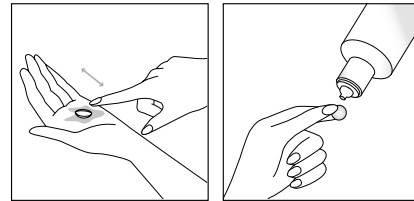




cleadew GP Hydra One

Usage

- 1
 - Remove the contact lens from your eye and place it on your palm. Place a few drops of **cleadew GP hydra one** on the lens surface and rub 20-30 times with your finger. Rinse each lens thoroughly for 5 seconds with fresh **cleadew GP hydra one**. Repeat with second lens.
- 2
 - Fill the lens case with **cleadew GP hydra one** and place the lenses into the lens case. Close the lens case tightly. Soak lenses for at least 4 hours (or overnight).
- 3
 - Rinse lenses for 5 seconds with **cleadew GP hydra one** before wearing.



CAUTION

After the lens care, rinse the lens case with **cleadew GP hydra one** and allow to air dry.

Product Specifications

System	Multipurpose solution for disinfecting, cleaning, rinsing and storing for all soft contact lenses
Size	360ml
Active Ingredients	Disinfectants: Polyhexamethylene biguanide (0.0005%), Hydrogen peroxide (0.004%) Cleaning agents: Poloxamer Wettability enhancer: Hyaluronic acid derivative (HAD)
Duo Pack Contains	1 × Cleadew GP Hydra One solution 1 × Soft lens flat case
Disinfection Time	Minimum 4 hours
* Notes	Must not be used as insertion solution for scleral lenses

cleadew
ADVANCED CARE SYSTEM

SLi

**Preservative
Free Saline
Solution**

cleadew®
SLi



cleadew® SLi

cleadew SLi is a unique insertion and rinsing liquid. It is the first liquid with additives specially developed for the rinsing and insertion of scleral lenses.



Product specifications

System	Rinsing and Insertion for all scleral lenses
Size	30 x 8ml Unidose
Active Ingredients	Sodium Hyaluronate Hypromellose (HPMC)



Care Solution



cleadew® Care Solution

cleadew® Care Solution

Saline solution for the rinsing of all types of rigid gas permeable contact lenses



Product Specifications

System	Rinsing Solution for all RGP lenses
Size	360ml
Active Ingredients	Preservative: Hydrogen peroxide as preservative (0.004%) Boric acid
* Note	Must not be used as insertion solution for scleral lenses

07

Diagnostic Instrument

Keratron™ Nova



Keratron™ Nova is the latest evolution in the family of **Keratron™** topographers, setting a new standard in corneal topography. As the only portable topographer, it captures and processes images with onboard processing, offering a built-in patient database that can be exported via LAN or USB.

Feature	Description
Wide Range Corneal Topography	Comprehensive corneal mapping for detailed analysis
Fast Acquisition Corneal Aberrometry	Quick acquisition of corneal aberrations
Pupillometry	Measures pupil size and response
Non-invasive Break-up Time	Monitors tear film stability without contact

Keratron™ Nova Technical Specifications

Device & Imaging Specifications		System, Software & Connectivity	
Model	Keratron™ Nova (Ref. 161601)	Processing Features	Axial/rings/Sim-K/Gaussian maps, TBUT, pupil data
Configuration	Mountable on most popular slit lamps	Database	Built-in patient database
Area of Analysis	10 mm x 14 mm (visible on the monitor)	Communication	LAN, USB, Wi-Fi (external PC compatible)
Keratoscope Cone	28 mires on a 43D sphere; Near/Far selection via touchscreen	Power Supply	100–240VAC, 50/60Hz (medical-grade power supply)
Analysed Points	Over 80,000	Computer Requirements	Windows 7/8/10, Intel i3, 2GB RAM, 180 GB HD
Measured Points	7,168	Software Features	Keratometric values, pupil metrics, lens simulation
Corneal Coverage	0.33 mm to 11 mm (normal eye)	Conformity	CE Mark (Directive 93/42/CEE)
Measured Area	90% (near cone) or 75% (far cone) of corneal surface	Weight	1.8 kg
Dioptric Power Range	1D to over 120D	Dimensions (L x W x H)	270 x 155 x 285 mm
Resolution	±0.01D – 1 micron		
Focusing Device	EPCS (Eye Positioning Control System) with auto correction		
Videocamera	Monochromatic high-sensitivity CCD		
Monitor	5.7" TFT touchscreen display		

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Ophtecs Europe B.V.

Marithaime 20, 6662 WD Elst,
The Netherlands
Tel. +31 (0) 263 54 44 44
Email: info@ophtecs-europe.com
website: www.ophtecs-europe.com

