



# CATALOG OF PRODUCT

**Quality** you see, **technology** you feel

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European lenses shipped from our office in Europe.



American lenses shipped from our office in the United States.

# MOLDED LENSES

# Claria

**Claria** is the most innovative and comfortable silicone hydrogel contact lens on the market. Claria features the highest technological standards, including: a Class I UV filter that blocks 90% of UVA rays and 99% of UVB rays, HD Vision, aberration control, and Grabsoo Technology.

## Monthly Replacement



### Indications

- Irregular Cornea
- For refractive astigmatism  $<0.75D - 2.75$
- Correction of spherical ametropia



### Material

- |                          |                   |
|--------------------------|-------------------|
| • <b>Material:</b>       | Silicone Hydrogel |
| • <b>Water Content:</b>  | 45%               |
| • <b>DK:</b>             | 70                |
| • <b>DK/t (@-3.00D):</b> | SPH: 119 TOR:75   |
| • <b>Module:</b>         | 0.4 - 0.5         |



### Parameters

#### Sphere

- **Base Curve:** 8.6mm
- **Diameter:** 14.2mm
- **Power:** +6.00 to -6.00 (0.25 steps)  
-6.50 to -12.00 (0.50 steps)  
+6.50 to +8.00 (0.50 steps)

#### Toric

- **Base Curve:** 8.6mm
- **Diameter:** 14.2mm
- **Power:** SPH: +6.00 to -6.00 (0.25 steps)  
-6.50 to -12.00 (0.50 steps)
- **Cyl Power:** -0.75, -1.25, -1.75, -2.25, -2.75
- **Axis:** 10° to 180 (in 10° increments)



### Geometries



Spherical



Toric



### Pack

6 Pack



**Claria H** contact lenses come in two geometries: Claria H Toric, designed for people with astigmatism, and Claria H Spherical, for correcting nearsightedness or farsightedness.

Claria H contact lenses are made from Hioxifilcon D, a material that promotes water retention on the surface of the cornea and reduces friction with the eye. The Hioxifilcon D material has an excellent level of hydration, with a 55% water content, which helps maintain continuous eye hydration, making Claria H a lens that offers greater comfort for most of the time it is worn. It also features a Class II UV filter that blocks more than 15% of UVA rays and more than 60% of UVB radiation.

## Monthly Replacement

### Indications

- **Toric:** Patients with astigmatism (cylinder from  $-0.75$  to  $-2.25D$ , axis  $10^\circ$  to  $180^\circ$ ) seeking clearer, more stable vision throughout the day.
- **Spheric:** Correction of myopia and hyperopia, with a power range of  $+12.00D$  to  $-20.00D$ .

### Parameters

#### Sphere

- **Base Curve:** 8.6mm
- **Diameter:** 14.2mm
- **Power:**  $+12.00$  to  $+6.50D$  (0.50 steps)  
 $+6.00$  to  $-6.00D$  (0.50 steps)  
 $-6.50$  to  $-20.00D$  (0.50 steps)
- **Central Thickness:** 0.102mm@ $-3.00D$

### Material

- **Material:** Hioxifilcon D
- **Water Content:** 55%
- **Tint:** Light Blue
- **Axis Mark:** Arrow marker at 6 o'clock

#### Toric

- **Base Curve:** 8.6mm
- **Diameter:** 14.2mm
- **Power:**  $+6.00$  to  $+4.50D$  (0.25 steps)  
 $+4.00$  to  $-6.00D$  (0.50 steps)
- **Cyl Power:**  $-0.75$ ,  $-1.25$ ,  $-1.75$ ,  $-2.25$
- **Axis:**  $10^\circ$  to  $180^\circ$  (in  $10^\circ$  increments)
- **Central Thickness:** 0.108mm@ $-3.00D$

### Geometries



### Pack

6 Pack

# XTENSA

## PREMIUM

**Xtensa Premium Aspheric** and **Xtensa Premium Toric** contact lenses provide superior visual acuity and lasting comfort. This is because they are made with **Aquagrip® Technology**, whose water-retention properties improve resistance to dehydration and increase the wettability of the lens surface, making it more hydrophilic.

### Monthly Replacement



#### Indications

- **Toric:** Patients with astigmatism (cylinder from -0.75D to -2.75D, axis 10° to 180°)
- **Aspheric:** correction of myopia and hyperopia (power range -12.00D to +6.00D)



#### Parameters

##### Spherical

- **Base Curve:** 8.6mm
- **Diameter:** 14.2mm
- **Power:** -12.00 to +6.00D  
+00.00 to -6.00D (0.25 steps)  
-6.50 to -12.00D (0.50 steps)  
+00.00 to +4.00D (0.25 steps)  
+4.50 to +6.00D (0.50 steps)
- **Central Thickness:** 0.084mm@-3.00D



#### Material

- **Material:** 43% Hioxifilcon A
- **Water Content:** 57%
- **Tint:** Azul Claro
- **DK/t (@-3.00D)** 24.70x10<sup>-9</sup>(cm/s)  
(mlO<sub>2</sub>/ml.mm Hg)
- **Oxygen perm. Dk@35°C:** 24.45x10<sup>-11</sup> (cm/s)  
(mlO<sub>2</sub>/ml.mm Hg)
- **Axis Mark:** Arrow indicator at 6 o'clock

##### Toric

- **Base Curve:** 8.7mm
- **Diameter:** 14.4mm
- **Power:** -8.00 to +4.00D  
+00.00 to -6.00D (0.25 steps)  
-6.50 to -8.00D (0.50 steps)  
+00.00 to +4.00D (0.25 steps)
- **Cyl Power:** -0.75D, -1.25D, -1.75D, -2.25D & -2.75D\*
- **Axis:** 10° to 180 (in 10° increments)
- **Central Thickness:** 0.099mm@-3.00D

\*-2.75D power requires a minimum purchase



#### Geometrias



Spherical



Toric



#### Pack

6 Pack

The background is a deep blue gradient with abstract, overlapping geometric shapes in lighter shades of blue, creating a modern and professional look.

# **CUSTOM SOFT** AND IRREGULAR CORNEA LENSES



Introducing **SPCT EXACTA**, the line of soft contact lenses that offers a customized fit based on the wearer's anatomical and functional parameters.



## Fitting

### Fitting guide

| Base curve selection according to contact lens diameter and material | SPCT EXACTA & SPCT EXACTA Multifocal |               |               |               | SPCT EXACTA Toric & SPCT EXACTA MF Toric |                |                |                |
|----------------------------------------------------------------------|--------------------------------------|---------------|---------------|---------------|------------------------------------------|----------------|----------------|----------------|
|                                                                      | Material                             | Dia: 13,50    | Dia: 14,00    | Dia: 14,50    | Material                                 | Dia: 13,50     | Dia: 14,00     | Dia: 14,50     |
|                                                                      | 38%                                  | Flat K + 0,40 | Flat K + 0,60 | Flat K + 0,70 | 38%                                      | Kmedium + 0,50 | Kmedium + 0,60 | Kmedium + 0,70 |
|                                                                      | 50%                                  | Flat K + 0,30 | Flat K + 0,50 | Flat K + 0,60 | 50%                                      | Kmedium + 0,40 | Kmedium + 0,50 | Kmedium + 0,60 |
|                                                                      | SPCT EXACTA 6 & SPCT EXACTA 6T       |               |               |               |                                          |                |                |                |
|                                                                      | Lens                                 | Dia: 13.50    | Dia: 14.00    | Dia: 14.50    | Dia: 15.00                               |                |                |                |
|                                                                      | Exacta 6                             |               | Km + 0,80     |               |                                          |                |                |                |
|                                                                      | Exacta 6T                            | Km + 0,70     | Km + 0,80     | Km + 0,90     | Km + 1,00                                |                |                |                |
|                                                                      | SPCT EXACTA 59 & SPCT EXACTA 59 TMT  |               |               |               |                                          |                |                |                |
|                                                                      | Lens                                 | Dia: 13.50    | Dia: 14.00    | Dia: 14.20    | Dia: 14.50                               | Dia: 15.00     |                |                |
|                                                                      | Exacta 59 RX                         |               |               | KP + 0,50     |                                          |                |                |                |
|                                                                      | Exacta 59 RX                         |               | KP + 0,50     |               | KP + 0,60                                |                |                |                |
|                                                                      | Exacta 59 TMT                        | Km + 0,40     | Km + 0,50     |               | Km + 0,60                                | Km + 1,00      |                |                |

## SYMBOLS FOR AVAILABLE DESIGNS



SPHERICAL



TORIC



MULTIFOCAL



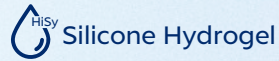
MULTIFOCAL TORIC



Quarterly



## Conventional Lenses



HiSy soft contact lens, spherical, toric, multifocal and multifocal toric, with optical zones designed according to the wearer's pupil.

- Easy fitting
- Also for wearers with extreme parameters
- Excellent vision quality
- Excellent comfort
- Center near design
- High near and distance VA

| Design | Lens            | Material | BC (mm)                     | Power (D)                                                  | Axis (°)            | Ø (mm)                       | Add (D) |
|--------|-----------------|----------|-----------------------------|------------------------------------------------------------|---------------------|------------------------------|---------|
|        | Exacta O2       | UNISIL   | 7,80 to 10,00<br>0,10 steps | <div>0,25 0 0,25</div> Sphere -20 +20                      |                     | 13,50 to 15,00<br>0,50 steps |         |
|        | Exacta O2 Toric |          |                             | <div>0,25 0 0,25</div> Sphere -20 +20<br>Cylinder -6 -0.75 | 5 to 180<br>steps 5 |                              |         |



Annual



## Conventional Lenses



Hydrogel soft contact lens, spherical, toric, multifocal and multifocal toric, with optical zones designed according to the wearer's pupil.

- Easy fitting
- Also for wearers with extreme parameters
- Excellent vision quality
- Excellent comfort
- Center near design
- High near and distance VA

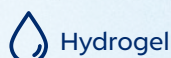
In GM ADVANCE

| Design                                                                              | Lens                | Material   | BC (mm)                    | Power (D)                                                                        | Axis (°)            | Ø (mm)                       | Add (D)                      |  |  |
|-------------------------------------------------------------------------------------|---------------------|------------|----------------------------|----------------------------------------------------------------------------------|---------------------|------------------------------|------------------------------|--|--|
|  | Exacta 38%          | CONFLEX    | 7,50 to 9,60<br>0,10 steps | <div><div>0,2500,25</div><div>Sphere-20+20</div></div>                           |                     | 12,50 to 15,00<br>0,50 steps |                              |  |  |
|                                                                                     | Exacta 50%          | GM ADVANCE |                            |                                                                                  |                     |                              |                              |  |  |
|  | Exacta Toric 38%    | CONFLEX    | 7,80 to 9,60<br>0,10 steps | <div><div>0,2500,25</div><div>Sphere-20+20</div><div>Cylinder-6-0.75</div></div> | 5 to 180<br>steps 5 | 13,50 to 15,00<br>0,50 steps |                              |  |  |
|                                                                                     | Exacta Toric 50%    | GM ADVANCE |                            |                                                                                  |                     |                              |                              |  |  |
|  | Exacta MF 38%       | CONFLEX    | 7,80 to 9,20<br>0,10 steps | <div><div>0,2500,25</div><div>Sphere-20+20</div></div>                           |                     | 14,00 to 14,50<br>0,50 steps | +0,75 to +4,00<br>0,25 steps |  |  |
|                                                                                     | Exacta MF 50%       | GM ADVANCE |                            |                                                                                  |                     |                              |                              |  |  |
|  | Exacta MF Toric 38% | CONFLEX    |                            | <div><div>0,2500,25</div><div>Sphere-20+20</div><div>Cylinder-6-0.75</div></div> | 5 to 180<br>steps 5 |                              |                              |  |  |
|                                                                                     | Exacta MF Toric 50% | GM ADVANCE |                            |                                                                                  |                     |                              |                              |  |  |





## Conventional Front Toric Lenses



- Spherical back surface, toric front surface
- Design optimized for reduced thickness

| Design | Lens       | Material  | BC (mm)                    | Power (D)                                                     | Axis (°)            | Ø (mm)                       |
|--------|------------|-----------|----------------------------|---------------------------------------------------------------|---------------------|------------------------------|
|        | Exacta 6   | CONTAFLEX | 7,80 to 9,60<br>0,10 steps | <div>0,25 0 0,25</div> Sphere -20 +20<br>Cylinder -8.00 -0.50 | 5 to 180<br>steps 5 | 13,50 to 15,00<br>0,50 steps |
|        | Exacta 6 T |           |                            |                                                               |                     |                              |



## Soft lenses for irregular cornea



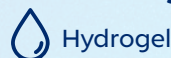
Soft contact lens specifically designed for fitting keratoconus, intrastromal rings and cross-linking. It offers an alternative to RGP lenses thanks to its easy fitting and greater comfort.

They incorporate a small posterior optical zone in a multi-aspheric lens design. The optical success of the design relies on its center thickness and its three-curve front surface design, achieving excellent lens tolerance with surprisingly good visual acuity.

| Design | Lens            | Material   | BC (mm)                    | Power(D)                                                      | Ø (mm)                         |
|--------|-----------------|------------|----------------------------|---------------------------------------------------------------|--------------------------------|
|        | Exacta SK       | GM ADVANCE | 5,80 to 8,00<br>0,10 steps | <div>0,25 0 0,25</div> Sphere -20 +10<br>Cylinder -6.00 -0.75 | 14,00 a 14,50<br>pasos de 0,50 |
|        | Exacta SK Toric |            |                            |                                                               |                                |



## Soft lenses for Post-Surgery



Soft contact lens designed for corneas whose curvature has been modified by refractive surgical treatments but where, for various reasons, the desired result has not been achieved.

Oblate posterior geometry, copying the shape of the cornea.

| Design | Lens            | Material   | BC (mm)                    | Power (D)                                                     | Ø (mm) |
|--------|-----------------|------------|----------------------------|---------------------------------------------------------------|--------|
|        | Exacta PL       | GM ADVANCE | 8,00 to 9,20<br>0,10 steps | <div>0,25 0 0,25</div> Sphere -20 +10<br>Cylinder -6.00 -0.75 | 15,00  |
|        | Exacta PL Toric |            |                            |                                                               |        |





Monthly

## Saphir<sup>RX</sup>

For patients with unique visual needs, including moderate to high astigmatism, who benefit from higher oxygen transmission.



© All geometries | 3 PK



### Parameters

|                  |                           |
|------------------|---------------------------|
| UV Filter:       | Class 1                   |
| Base Curve (mm): | 6.80 to 9.80 (0.30)       |
| Diameter (D):    | 13.00 to 16.00 (0.50)     |
| Sphere (D):      | ±30.00 (0.25)             |
| Cylinder (D):    | -0.75 to -8.00 (0.25)     |
| Axis (°):        | All (1°)                  |
| Add (D):         | 0.50 to 4.00 (0.50) CD/CN |

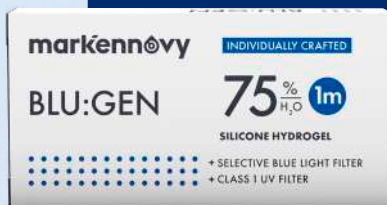


### Material

|                               |                   |
|-------------------------------|-------------------|
| • Material:                   | Silicone Hydrogel |
| • ISO Classification:         | Filcon 5B (60)    |
| • Dk (ISO 9913-1-1998):       | 60                |
| • Dk/t (-3.00 D):             | 50                |
| • Water Content:              | 75%               |
| • Center Thickness (-3.00 D): | 0.12              |
| • CoF:                        | 0.02              |
| • Elastic Modulus (MPa):      | 0.33              |
| • Tint:                       | Blue              |

## Blu:gen

For patients with high exposure to digital screens or daylight who benefit from selective blue light filtering and Class 1 UV protection.



© All geometries | 3 PK



### Parameters

|                  |                           |
|------------------|---------------------------|
| UV Filter:       | Class 1                   |
| Base Curve (mm): | 6.50 to 9.80 (0.30)       |
| Diameter (D):    | 11.50 to 16.50 (0.50)     |
| Sphere (D):      | ±30.00 (0.25)             |
| Cylinder (D):    | -0.75 to -8.00 (0.25)     |
| Axis (°):        | All (1°)                  |
| Add (D):         | 0.50 to 4.00 (0.50) CD/CN |



### Material

|                               |                   |
|-------------------------------|-------------------|
| • Material:                   | Silicone Hydrogel |
| • ISO Classification:         | Filcon 5B (60)    |
| • Dk (ISO 9913-1-1998):       | 60                |
| • Dk/t (-3.00 D):             | 50                |
| • Water Content:              | 75%               |
| • Center Thickness (-3.00 D): | 0.12              |
| • CoF:                        | 0.05              |
| • Elastic Modulus (MPa):      | 0.25              |
| • Tint:                       | Green             |



## Gentle 59

For wearers looking for comfort, easy handling and a lens designed for dryness symptoms.



© All geometries | 3 PK



### Parameters

|                  |                           |
|------------------|---------------------------|
| Base Curve (mm): | 7.10 to 9.80 (0.30)       |
| Diameter (D):    | 13.00 to 16.00 (0.50)     |
| Sphere (D):      | ±30.00 (0.25)             |
| Cylinder (D):    | -0.75 to -8.00 (0.25)     |
| Axis (°):        | All (1°)                  |
| Add (D):         | 0.50 to 4.00 (0.50) CD/CN |



### Material

|                               |               |
|-------------------------------|---------------|
| • Material:                   | Hydrogel      |
| • ISO Classification:         | Filcon 2 (30) |
| • Dk (ISO 9913-1-1998):       | 30            |
| • Dk/t (-3.00 D):             | 25            |
| • Water Content:              | 59%           |
| • Center Thickness (-3.00 D): | 0.12          |
| • CoF:                        | 0.05          |
| • Elastic Modulus (MPa):      | 0.36          |
| • Tint:                       | Blue          |

## Gentle 80

For wearers with dryness symptoms and sensitive eyes who need advanced comfort.



© All geometries | 3 PK



### Parameters

|                  |                           |
|------------------|---------------------------|
| Base Curve (mm): | 7.10 to 9.80 (0.30)       |
| Diameter (D):    | 13.00 to 16.00 (0.50)     |
| Sphere (D):      | ±30.00 (0.25)             |
| Cylinder (D):    | -0.75 to -8.00 (0.25)     |
| Axis (°):        | All (1°)                  |
| Add (D):         | 0.50 to 4.00 (0.50) CD/CN |



### Material

|                               |               |
|-------------------------------|---------------|
| • Material:                   | Hydrogel      |
| • ISO Classification:         | Filcon 2 (60) |
| • Dk (ISO 9913-1-1998):       | 60            |
| • Dk/t (-3.00 D):             | 50            |
| • Water Content:              | 80%           |
| • Center Thickness (-3.00 D): | 0.12          |
| • CoF:                        | 0.06          |
| • Elastic Modulus (MPa):      | 0.16          |
| • Tint:                       | Blue          |



# Blu:kidz

The range of diameters aimed at children makes Parameters fitting easier even on the smallest eyes, while the green handling tint, high water content and low-dehydration material ensure greater ease of use and comfort: perfect for new wearers.



© Spherical - Toric Multifocal | 3 PK



## Parameters

- **UV Filter:** Class 1
- **Base Curve (mm):** 6.50 to 9.80 (0.30)
- **Diameter (D):** 11.50 to 16.50 (0.50)
- **Sphere (D):**  $\pm 30.00$  (0.25)
- **Cylinder (D):** -0.75 to -8.00 (0.25)
- **Axis (°):** All (1°)
- **Add (D):** 0.50 to 4.00 (0.25) CD/CN



## Material

- **Material:** Silicone Hydrogel
- **ISO Classification:** Filcon 5B (60)
- **Dk (ISO 9913-1-1998):** 60
- **Dk/t (-3.00 D):** 50
- **Water Content:** 75%
- **Center Thickness (-3.00 D):** 0.12
- **CoF:** 0.05
- **Elastic Modulus (MPa):** 0.25
- **Tint:** Green

# Blu:ssentials

For wearers with dryness symptoms and sensitive eyes who need advanced comfort.



© Spherical - Toric Multifocal | 3 PK



## Parameters

- **UV Filter:** Class 1
- **Base Curve (mm):** 8.30 to 8.90 (0.30)
- **Diameter (D):** 14.00 to 15.00 (0.50)
- **Sphere (D):** -10.00 to +8.00 (0.25)
- **Cylinder (D):** -0.75 to -2.75 (0.50)
- **Axis (°):** All (10°)
- **Add (D):** 0.50 to 2.50 (0.50) CD/CN



## Material

- **Material:** Silicone Hydrogel
- **ISO Classification:** Filcon 5B (60)
- **Dk (ISO 9913-1-1998):** 60
- **Dk/t (-3.00 D):** 50
- **Water Content:** 75%
- **Center Thickness (-3.00 D):** 0.12
- **CoF:** 0.05
- **Elastic Modulus (MPa):** 0.25
- **Tint:** Green



# Xtensa<sup>RX</sup>

Its wide range of parameters makes it possible to fit almost any prescription. Its blue handling tint ensures correct handling.



© All geometries | 6 PK



## Parameters

- **Base Curve (mm):** SPH, TOR, MF 8.50, MFT 8.70
- **Diameter (D):** 14.40
- **Sphere (D):** SPH  $\pm 30.00$  (0.25; 0.50 beyond  $\pm 6.00$ ) TOR, MF, MFT (0.25; 0.50 beyond  $+4.00/-6.00$ )
- **Cylinder (D):** -0.75 to -7.75 (0.50)
- **Axis (°):** All (5°)
- **Add (D):** CD +1.50/+2.50 - CN +1.25/+2.25



## Material

- **Material:** Hydrogel
- **ISO Classification:** Filcon 4 (19)
- **Dk (ISO 9913-1-1998):** 19
- **Dk/t (-3.00 D):** 19
- **Water Content:** 55%
- **Center Thickness (-3.00 D):** 0.10
- **CoF:** -
- **Elastic Modulus (MPa):** 0.47
- **Tint:** Blue



## Quarterly

# Quattro

**Quattro** allows us to correct spherical, toric and multifocal powers in different diameters for patients accustomed to quarterly and annual replacement.



Annual

© Spherical - Toric  
Multifocal | 1 & 2 PK



## Parameters

- **Base Curve (mm):** Ø13.00: SPH, TOR 7.10 to 9.20 (0.30)  
Ø14.00: MF 8.00 to 9.00 (0.20)  
Ø14.50: SPH, TOR 7.70 to 9.80 (0.30)
- **Diameter(D):** SPH, TOR 13.00 & 14.50, MF 14.00
- **Sphere(D):** SPH, TOR  $\pm 30.00$  (0.25)  
MF -12.00 to -1.00 / +1.00 to +8.00 (0.25)
- **Cylinder (D):** -0.75 to -8.00 (0.25)
- **Axis (°):** All (5°)
- **Add (D):** A = SPH+: 1.00 CN | SPH-: 1.00 CD  
B = SPH+: 1.75 CN | SPH-: 2.00 CD  
C = SPH+: 2.50 CN | SPH-: 3.00 CD



## Material

- **Material:** Hydrogel
- **ISO Classification:** Filcon 1 (15)
- **Dk (ISO 9913-1-1998):** 15
- **Dk/t (-3.00 D):** 17
- **Water Content:** 49%
- **Center Thickness (-3.00 D):** 0.09
- **CoF:** 0.09
- **Elastic Modulus (MPa):** 0.41
- **Tint:** Blue



# Saphir

**Saphir** is a healthy, comfortable contact lens for patients accustomed to quarterly contact lenses.



© All geometries | 1 & 2 PK

## Parameters

- **Base Curve (mm):** 6.80 to 9.80 (0.30)
- **Diameter (D):** 13.00 to 16.00 (0.50)
- **Sphere (D):**  $\pm 30.00$  (0.25)
- **Cylinder (D):** -0.75 to -8.00 (0.25)
- **Axis(°):** All (5°)
- **Add (D):** 0.50 to 4.00 (0.50) CD/CN

## Material

- **Material:** Silicone Hydrogel
- **ISO Classification:** Filcon 5B (60)
- **Dk (ISO 9913-1-1998):** 60
- **Dk/t (-3.00 D):** 50
- **Water Content:** 75%
- **Center Thickness (-3.00 D):** 0.12
- **CoF:** 0.04
- **Elastic Modulus (MPa):** 0.29

# Equilibria

**Equilibria** is the silicone-free alternative, with excellent water-retention and tensile properties for patients accustomed to quarterly contact lens replacement



© All geometries | 1 & 2 PK

## Parameters

- **Base Curve (mm):** 7.70 to 9.80 (0.30)
- **Diameter (D):** 14.50
- **Sphere (D):** SPH, TOR  $\pm 30.00$  (0.25)  
MF, MFT  $\pm 23.00$  (0.25)
- **Cylinder (D):** -0.75 to -8.00 (0.25)
- **Axis(°):** All (5°)
- **Add (D):** 1.00 to 3.00 (0.50)

## Material

- **Material:** Hydrogel
- **ISO Classification:** Filcon 2 (24)
- **Dk (ISO 9913-1-1998):** 24
- **Dk/t (-3.00 D):** 25
- **Water Content:** 59%
- **Center Thickness (-3.00 D):** 0.12
- **CoF:** 0.07
- **Elastic Modulus (MPa):** 0.32
- **Tint:** Blue



## Lentes Blandos Personalizados

### FLEXLENS ARC

Corrección Refractiva Atípica

**Flexlens ARC (Atypical Refractive Correction)** is a custom soft lens design that fits just as easily as a regular toric contact lens.



#### Indications

Visual correction of various eye conditions, including Keratoconus, Pellucid Marginal Degeneration (PMD), Corneal Transplants, Refractive Surgery and/or corneal irregularity problems.



#### Material

- **Material:** Definitive Silicone Hydrogel
- **Water Content:** 74%



#### Parameters

- **Base Curve (mm):** 6.0 to 8.7 in steps 0.1
- **Fitting Curve:** 8.6 Standard
- **Diameter (mm):** 13.0 to 16.0 (0.5 steps)
- **Power (D):** +20.00 to -20.00
- **Cylinder (D):** -0.50 to -10.00 (0.25 steps)
- **Axis:** 1° to 180° (1° steps)
- **Prism:** 1.50 Standard
- **Center Thickness(mm):** 0.30 & 0.50

## FLEXLENS® TORIC



#### Indications

Suitable for daily wear for the correction of visual acuity in aphakic and non-aphakic patients with healthy eyes who have myopia or hyperopia and refractive astigmatism not exceeding 10.00D.



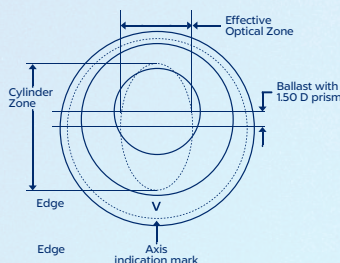
#### Parameters

|                              | Standard                                            | Custom                                |
|------------------------------|-----------------------------------------------------|---------------------------------------|
| • <b>Base Curve (mm):</b>    | 8.0 to 9.2 (in steps of 0.1)                        | 6.8mm to 10.0mm (in steps of 0.1mm)   |
| • <b>Diameter (mm):</b>      | 13.5 to 15.0 (in steps of 0.1)                      | 10.0mm a 16.0mm (in steps of 0.1mm)   |
| • <b>Power (D):</b>          | +10.00 to -10.00 (in steps of 0.25)                 | +30.00D a -30.00D (in steps of 0.25D) |
| • <b>Cylinder (D):</b>       | -0.50 to -10.00 (in steps of 0.25)                  | -0.50D a -10.00D (in steps of 0.25D)  |
| • <b>Axis:</b>               | 1° to 180°                                          | 1° to 180°                            |
| • <b>Center Thickness:</b>   | 0.16mm to -3.00D                                    | 0.16mm to -3.00D                      |
| • <b>Indication for use:</b> | Daily wear / Monthly, Quarterly or Annual           |                                       |
| • <b>Material:</b>           | Definitive 74% Silicone Hydrogel, 49% Hioxifilcon B |                                       |

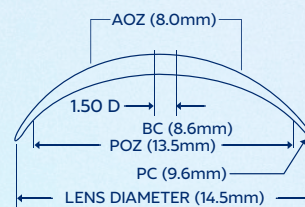


#### Design

##### FRONT VIEW



##### SECTIONAL VIEW





## FLEXLENS® TRI-CURVE KERATOCONUS

The **Flexlens Tri-Curve** keratoconus lens is based on a three-curve posterior design. The optical success of the design relies on the standard center thickness, which ranges from 0.45 to 0.65 mm and is often thicker than the keratoconic cornea itself. The design incorporates a flat secondary curve 1.2 mm to 1.8 mm flatter, depending on the base curve. A scleral curve with a radius 2.2 mm to 2.8 mm flatter, depending on the base curve, is added peripherally to align with the scleral curve of the eye. Patients who exhibit high degrees of irregular astigmatism may be better served by the Flexlens ARC design.



### Indications

- Moderate to advanced keratoconus.
- Corneas with moderate irregularity
- Irregular astigmatism up to 6.00D.



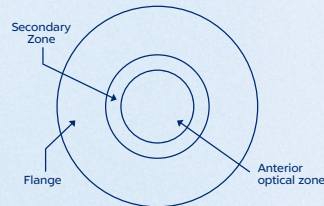
### Parameters

- **Base Curve (mm):** 5.0 to 11.0 (0.1 steps)
- **Diameter (mm):** 8.0 to 16.0 (0.1 steps)
- **Power (D):** +50.00 to -50.00 (0.25 steps)
- **Center Thickness (mm):** 0.45 to 0.65

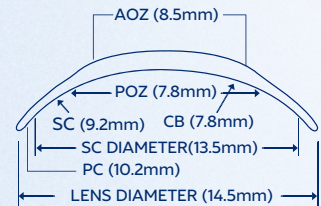


### Design

#### FRONT VIEW



#### SECTIONAL VIEW



## FLEXLENS® PRS POST REFRACTIVE

The post-refractive lens design allows the central optical portion of the lens to be flatter than the mid-periphery. The optical zone is approximately 0.28 mm thick at -1.00D, which provides stable optics over the central cornea. The peripheral lens support is as thin as or thinner than any standard soft lens, to ensure maximum oxygen permeability to the peripheral cornea, limbus and conjunctiva.



### Indications

Daily wear for the correction of refractive ametropia and specialized use such as atypical ametropia after corneal refractive surgery.



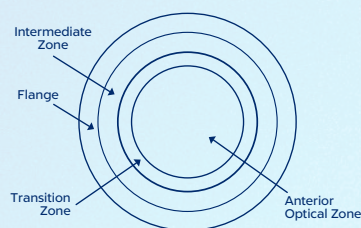
### Parameters

- **Base Curve (mm):** 6.0 to 11.0 (0.1 steps)
- **Diameter (D):** 10.0 to 16.0 (0.19 steps)
- **Power (D):** +30.00 to -30.00 (0.25 steps)

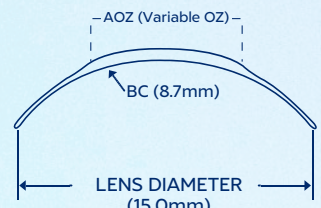


### Design

#### FRONT VIEW



#### SECTIONAL VIEW



AOZ - Anterior optical zone  
BC - Base Curve



# FLEXLENS PIGGYBACK®

**Flexlens Piggyback** is designed for patients who need the optics of a rigid GP lens but have fitting or centration difficulties due to an irregular cornea.

Its design incorporates a central circular cut-out in the soft lens, which holds and stabilizes the GP lens, reducing its displacement by the upper eyelid and promoting stable optical centration over the pupil.



## Indications

- Queratocono moderado a avanzado.
- Cirugía refractiva.
- Degeneraciones corneales (ej. pelúcida marginal, Terrien).
- Trauma corneal.
- Enfermedad de la superficie ocular.
- Queratoplastia penetrante.



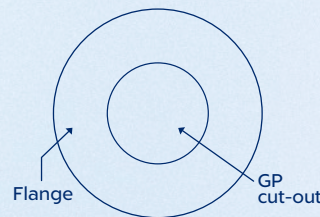
## Parameters

- **Curva Base (mm):** 6.0 to 11.0 (0.1 steps)
- **Diameter (mm):** 10.0 to 16.0 (0.1 steps)
- **Anterior cut-out diameter:** 6.5 to 12.5 (0.1 steps)
- **Power:** Flat

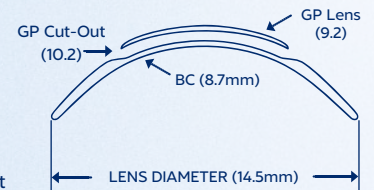


## Design

### FRONT VIEW



### SECTIONAL VIEW



# FLEXLENS® APHAKIC

Pacientes Pediátricos

The **Flexlens Aphakic** Lens is a custom soft lens for adult and pediatric aphakic patients. It is indicated for daily wear for the correction of refractive ametropia and for specialized use such as atypical ametropia.



## Indications

- Daily wear
- Correction of refractive ametropia
- Specialized use for atypical ametropia
- Aphakic patients (adults and pediatric)
- Patients who have undergone cataract extraction (as children or adults)
- Cannot tolerate GP lenses after surgery



## Parameters

- **Curva Base (mm):** 6.0 to 11.0 (0.1 steps)
- **Diameter (mm):** 10.0 to 16.0 (0.1 steps)
- **Power (D):** +00.00 to +50.00 (0.25 steps)



# FLEXLENS® SPHERE

The **Flexlens Sphere** lens is available in a large diameter with or without a thick edge and also with 1.50D or 2.00D prism.

Standard soft lens fitting principles apply to Flexlens spherical lenses. The lens selected should be 4.00D flatter than the patient's flattest keratometric value. The lens should be centered with 1.0 to 1.5 mm of limbal coverage, and lens movement should be minimal, 0.25 to 0.50 mm in primary gaze with a normal blink.



## Indications

- Daily wear.
- Correction of higher degrees of ametropia.



## Parameters

### Standard

- **Curva Base (mm):** 8.0 a 9.2 (0.1 steps)
- **Diameter (mm):** 13.5 a 15.0 (0.1 steps)
- **Power (D):** +10.00 a -10.00 (0.25 steps)

### Parameter Availability

- **Curva Base (mm):** 6.0 to 11.0 (0.1 steps)
- **Diameter (mm):** 10.0 to 16.0 (0.1 steps)
- **Power (D):** +40.00 to +40.00 (0.25 steps)



# ASFERON IC

**Asferon IC** is a unique soft contact lens design specially created to successfully correct vision in patients with Keratoconus, Post-Refractive Surgery and other irregular corneas without compromising comfort.

**Asferon IC** is also available for patients who additionally need a cylindrical correction to optimize their visual acuity (Asferon IC Toric). The toricity can be manufactured on the back surface (back toric) or on the front surface (front toric).



## Indications

- Keratoconus
- Post-refractive surgery
- Other irregular corneas



## Fitting

The unique design of Asferon IC allows the practitioner to fit it using the Horizontal Visible Iris Diameter (HVID) and the ocular sagittal height, thereby achieving maximum comfort.



## Material

|                         |          |                   |
|-------------------------|----------|-------------------|
| • <b>Materials:</b>     | Hydrogel | Silicone Hydrogel |
| • <b>Dk (ISO):</b>      | 30       | 75                |
| • <b>Water Content:</b> | 67%      | 74%               |
|                         | Annual   | Semi-annual       |



## Parameters

|                               |                                 |
|-------------------------------|---------------------------------|
| • <b>Base Curve:</b>          | 7.00; 7.30; 7.60; 7.90 & 8.20mm |
| • <b>Sphere:</b>              | +10.00 to -20.00 (0.25D steps)  |
| • <b>Cylinder:</b>            | Up to -4.50D                    |
| • <b>Axis:</b>                | 0° to 180° (1° steps)           |
| • <b>Total Diameter:</b>      | 14.20mm & 14.80mm               |
| • <b>Center Thk. (-3.00):</b> | 0.48mm                          |
| • <b>Edge Thickness:</b>      | 0.11mm                          |
| • <b>Engraving:</b>           | Vertical line at 270°           |
| • <b>Toricity:</b>            | Back Toric or Front Toric       |



## Replacement

Annual - Semi-annual



## Fitting Set

Each trial lens is engraved with its corresponding sagittal height value.

5 lenses in  
14.20mm  
diameter

5 lenses in  
14.80mm  
diameter

# MYOPIA **CONTROL**



# markennovy



MONTHLY

© EDOF - EDOF TORIC | 3 & 6 PK

## MYLO

For children and adolescents with progressive myopia, including astigmatism  $\geq -0.75$  D, who benefit from higher oxygen transmissibility and a customized fit.



Technology by |  BHVI



### Parameters

- **UV Filter:** Class 1
- **Base Curve (mm):** 7.10 to 9.80 (0.30)
- **Diameter (D):** 13.50 to 15.50 (0.50)
- **Sphere (D):** -0.25 to -15.00 (0.25)
- **Cylinder (D):** -0.75 to -8.00 (0.25)
- **Axis(°):** All (1°)



### Material

- **Material** Silicone Hydrogel
- **ISO Classification:** Filcon 5B (60)
- **Dk (ISO 9913-1-1998):** 60
- **Dk/t (-3.00 D):** 50
- **Water Content:** 75%
- **Central Thickness (-3.00 D):** 0.12
- **CoF:** 0.02
- **Elastic Modulus (MPa):** 0.33
- **Tint:** Blue



**Quarterly**

## Myopia correction and control

Customized hydrogel contact lenses with peripheral add, indicated for the correction and Control of Myopia Progression, with or without associated astigmatism, in pediatric and adolescent wearers.



### Indications

- Pediatric and adolescent wearers.
- Correction and control of myopia progression.
- Wearers with astigmatism up to -6.00 D.

**Customizable Optical Zone from 3mm to 5.5mm (0.5 mm steps)**



### Design

**MYO ESENCIA** and **MYO ESENCIA TORIC** feature a cutting-edge design that modifies peripheral retinal defocus as a method to reduce and/or eliminate the visual factors that induce myopia progression while, at the same time, compensating the wearer's myopia and astigmatism (MYO ESENCIA TORIC includes a back toric surface in its design to compensate astigmatism) thanks to correct focus on the central retina.



**Fig. 1**  
Without compensation



**Fig. 2**  
Without compensation



**Fig. 3**  
Eye with Esencia



### Fitting

**MYO ESENCIA**



Selection of BC (mm).  
Flat K +0.40mm (14.00)  
Flat K +0.50mm (14.50)

**MYO ESENCIA TORIC**



Selection of BC (mm).  
Mean K +0.50mm (14.00)  
Mean K +0.60mm (14.50)



### Parameters



| Replacement | Material Hydration            | Geometry                                           | Base Curve (mm)                         | Power (D)                                                                               | Axis (°)               | Diameter (mm)                      |
|-------------|-------------------------------|----------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------|------------------------|------------------------------------|
| Quarterly   | Hydrogel<br><b>GM ADVANCE</b> | Aspheric/<br>Reverse<br>geometry<br>/Back<br>Toric | 7,80 to 9,20<br>Quarterly<br>0,10 steps | <div> <div>0,25</div> <div>0</div> <div>-20</div> <div>-6</div> <div>-0,75</div> </div> | 0 to 180<br>steps of 5 | 13,00<br>to<br>15,00<br>0,10 steps |



Quarterly

## Myopia correction and control in Silicone Hydrogel

Customized soft silicone hydrogel contact lenses with peripheral add, indicated for the correction and Control of Myopia Progression, with or without associated astigmatism, in pediatric and adolescent wearers.



### Indications

- Pediatric and adolescent wearers
- Correction and control of myopia progression
- Wearers with astigmatism up to -6.00 D.

Customizable Optical Zone from  
3mm to 5.5mm (0.5 mm steps)



### Design

**MYO ESENCIA 02** and **MYO ESENCIA 02 TORIC** feature a cutting-edge design that modifies peripheral retinal defocus as a method to reduce and/or eliminate the visual factors that induce myopia progression while, at the same time, compensating the wearer's myopia and astigmatism (MYO ESENCIA TORIC includes a back toric surface in its design to compensate astigmatism) thanks to correct focus on the central retina.



### Fitting

MYO ESENCIA  
02



Selection of BC (mm).  
Flat K +0.80mm (14.00)  
Flat K +0.90mm (14.50)

MYO ESENCIA  
02 TORIC



Selection of BC (mm).  
Mean K +0.90mm (14.00)  
Mean K +1.00mm (14.50)



### Parameters



| Replacement | Material Hydration                 | Geometry                | Base Curve (mm)            | Power (D)                                                                                                             | Axis (°)               | Diameter (mm)                      |
|-------------|------------------------------------|-------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------|
| Quarterly   | Silicone Hydrogel<br><b>UNISIL</b> | Aspheric/<br>Back Toric | 7,80 to 9,60<br>0,10 steps | <div><div>Sphere</div><div>Cylinder</div><div>0,25</div><div>0</div><div>-20</div><div>-6</div><div>-0,75</div></div> | 0 to 180<br>steps of 5 | 13,00<br>to<br>15,00<br>0,10 steps |

**NaturalVue® (etafilcon A) Enhanced Multifocal 1 Day™** is a solution based on clinical evidence —three independent retrospective studies and the PROTECT RCT— that can reduce myopia progression. Its pupil-independent, center-distance Extended Depth of Focus (EDOF) design provides excellent vision for everyday tasks and helps correct one of the risk factors for excessive eye growth: peripheral hyperopic defocus. Indicated for the correction of refractive ametropia (myopia and hyperopia) and/or presbyopia, control of myopia progression in normal eyes, and astigmatism up to 2.00 DC.



## Parameters

- **Total power range:** +4.00D to -12.25 (0.25D steps) (full range)
- **Base Curve (mm):** 8.3
- **Diameter (D):** 14.5
- **ADD (mm):** Extended depth of focus universal ADD; ADD power requirements up to 3.00D



## Material

- **Material:** etafilcon A
- **Water Content:** 58%
- **Tint:** Blue
- **Pack:** 30 - 90 - 10 (Trial)
- **UV Protection:** Class 2 UV blocker (~98% UVB 280–315 nm ~84% UVA 316–380 nm)



## Replacement

**Daily disposable**



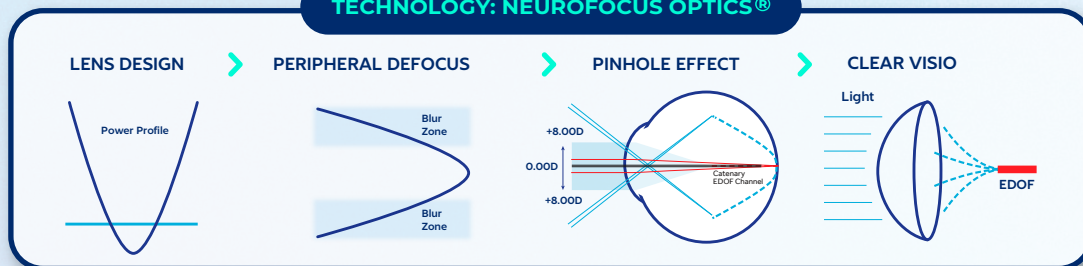
## Benefits

- Visual acuity equal to spectacles.
- Depth perception is preserved.
- Spectacle-level contrast sensitivity.
- Indicated to correct astigmatism up to 2.00DC.

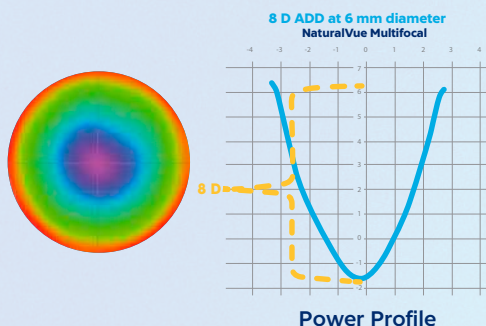


## Design

### TECHNOLOGY: NEUROFOCUS OPTICS®



Center-distance design with +6.00 to +8.00 D of peripheral plus add, in continuous, uninterrupted progression (at 6 mm diameter) — unlike concentric ring designs with alternating power zones.



8 D ADD at 6 mm diameter: the first and only center-distance design with extended depth of focus, with a rapid, smooth and uninterrupted increase from +6.00 to +8.00 D across the entire treatment area.

# **HYBRID** LENSES

### HYBRID ASTIGMATISM

The **SynergEyes A** lens is a hybrid lens; it was the first FDA-approved SynergEyes hybrid contact lens designed specifically for patients with high astigmatism or mildly irregular corneas. SynergEyes A offers patented hybrid technology that provides clear, crisp vision with the comfort of a soft lens.



#### Indications

- Patients intolerant to RGP lenses who are looking for the comfort of a soft lens and the vision of an RGP lens.
- On regular corneas.
- On corneas with minor irregularities.



#### Parameters

- **Base Curve (mm):** 7.00 to 8.20 (pasos 0.10)
- **Diameters (mm):** 14.5
- **Spheres (D):** +20.00 to -20.00 (0.25 steps)
- **Skirt Curve (mm):** 1.0 & 1.3 flatter than base curve



#### Replacement Annual

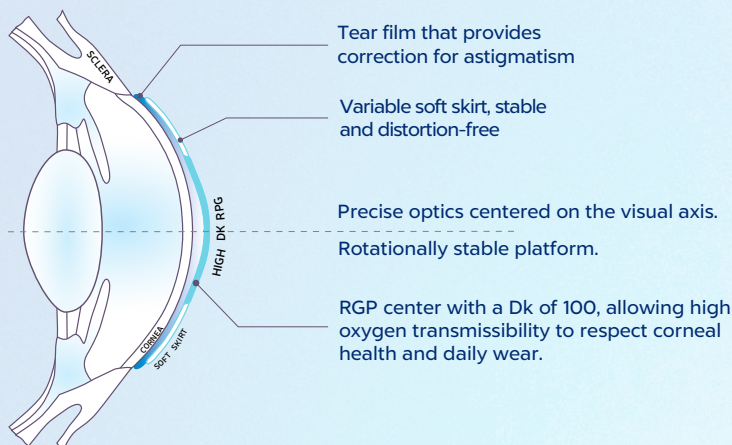


#### Material

|                         | Skirt | GP Center |
|-------------------------|-------|-----------|
| • <b>Material:</b>      | HEMA  | HDS 100   |
| • <b>Dk:</b>            | 9,3   | 100       |
| • <b>Water Content:</b> | 27%   | -         |



#### Design





# Duette®

C O N T A C T   L E N S E S

## HYBRID ASTIGMATISM

Duette provides clear, optimal vision using the optics of a GP lens in the center with the comfort of a soft lens. The hybrid design eliminates the rotation problems experienced with soft toric lenses while providing stable centration for excellent visual acuity. SoftCushion® Comfort technology improves tear exchange and lens movement.

Fitting a Duette is simple; the lenses can be fitted empirically with Ks and Rx, without the need for multiple trial sets. The Duette Empirical Calculator ([www.duettecalculator.com](http://www.duettecalculator.com)) can be used to help select the initial lens.



## Indications

- Patients with astigmatism.
- Discomfort with GP lenses, seeking the comfort of a soft lens and the vision of a GP lens.
- Frustration with the fluctuating vision of soft toric lenses.
- Irregular cornea.



## Parameters

- **Base Curve (mm):** 7.1 to 8.3 (0.1 steps)
- **Diameters (mm):** 14.5
- **Spheres (D):** +10.00 to -15.00  
+8.00 to -8.00 (0.25 steps)  
+8.50 to +10.00 (0.50 steps)  
-8.50 to -15.00 (0.50 steps)
- **Skirt Curve (mm):** 8.7Flat 2, 8.4Flat, 8.1 Medium

\*Enhanced Profile: *Thick center option available*



## Semi-annual Replacement

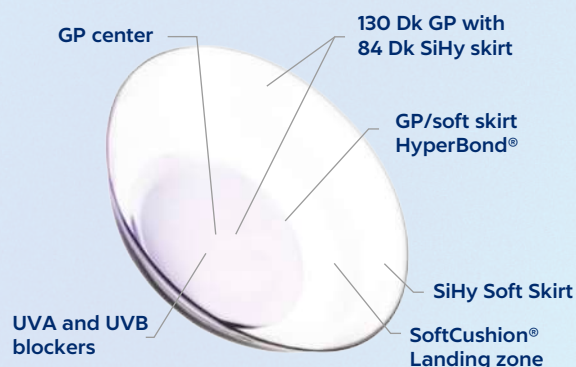


## Material

|                         | Skirt                    | GP Center |
|-------------------------|--------------------------|-----------|
| • <b>Material:</b>      | SiHy                     | MaxVu     |
| • <b>Dk:</b>            | 84                       | 130       |
| • <b>Water Content:</b> | 32%                      | -         |
| • <b>Filter:</b>        | UVA/UVB Blocker Class II |           |



## Design



- A dual aspheric gas permeable lens design is used, which offers exceptional vision.
- We use the patented HyperBond® junction, which secures the GP center and the soft skirt.
- The cushioned SoftCushion® landing zone increases comfort and the wearer's experience.
- Enhanced Profile option available (center thickness).



## IRREGULAR CORNEA HYBRID

# ULTRAHEALTH<sup>®</sup>

CONTACT LENSES

The advanced technology of the second-generation UltraHealth hybrid contact lens is indicated for patients with keratoconus, as well as for many other corneal irregularities. It has an overall diameter of 14.5 mm and an 8.5 mm gas permeable center. UltraHealth is designed to vault the corneal ectasia, providing excellent vision. It uses a GP lens in the center and a soft skirt, which provides excellent comfort.

A trial set must be used to determine the appropriate initial lens to order.



### Indications

- Nipple and oval keratoconus (from early to advanced)
- Central cones and most decentered cones.



### Parameters

- **Vault ( $\mu\text{m}$ ):** 50 to 550 (50 steps)
- **Diameters (mm):** 14.5
- **Spheres (D):** +10.00 to -20.00 D  
+2.50 to +10.00 D (0.50 steps)  
+2.00 to -8.00 D (0.25 steps)  
-8.50 to -20.00 (0.50 steps)
- **Skirt Curve (mm):** 50-25 $\mu$  : 8.7 Flat 2, 8.4 Flat, 8.1 Med, 7.9 Steep  
300-550 $\mu$  : 8.4 Flat, 8.1 Med, 7.9 Steep



### Annual Replacement



### Material

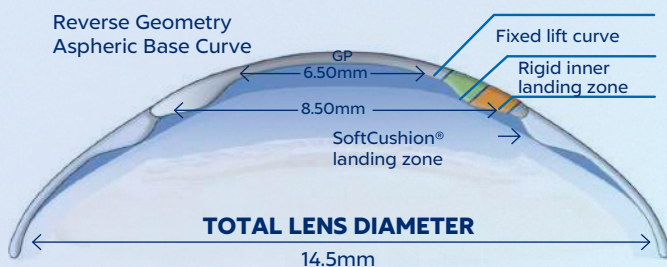
|                         | Skirt           | GP Center |
|-------------------------|-----------------|-----------|
| • <b>Material:</b>      | SiHy            | MaxVu     |
| • <b>Dk:</b>            | 84              | 130       |
| • <b>Water Content:</b> | 32%             | -         |
| • <b>Filter:</b>        | UVA/UVB Blocker | Class II  |



### Design

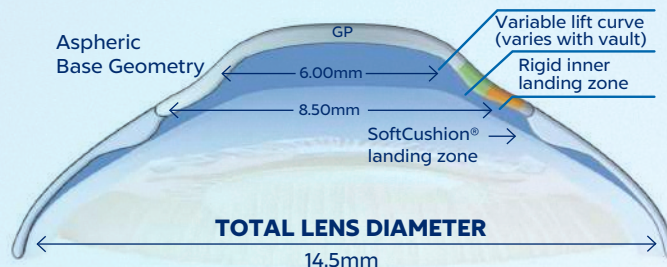
#### FIXED LIFT

UltraHealth lens design vaults 50 $\mu$  - 250 $\mu$



#### VARIABLE LIFT

UltraHealth lens design vaults 300 $\mu$  - 550 $\mu$





## IRREGULAR CORNEA HYBRID

# ULTRAHEALTH<sup>®</sup> FC

CONTACT LENSES

The UltraHealth FC hybrid contact lens is an extension of the UltraHealth product line. It is indicated for eyes with refractive errors resulting from corneal surgery or trauma, including hyperopia, myopia, astigmatism and irregular astigmatism. The lens design works very well with oblate corneas or corneas that may need more peripheral lift. A trial set must be used to determine the appropriate initial lens to order.



### Indications

- Nipple and oval keratoconus (from early to advanced)
- Central cones and most decentered cones.



### Parameters

- **Vault (μm):** 055 to 505 (50 steps)
- **Diameter (mm):** 14.5
- **Spheres (D):** +10.00 to -20.00 D  
+2.50 to +10.00 D (0.50 steps)  
+2.00 to -8.00 D (0.25 steps)  
-8.50 to -20.00 (0.50 steps)
- **Skirt Curve (mm):** 8.4 Flat, 8.1 Medium and 7.9 Steep



### Annual Replacement



### Material

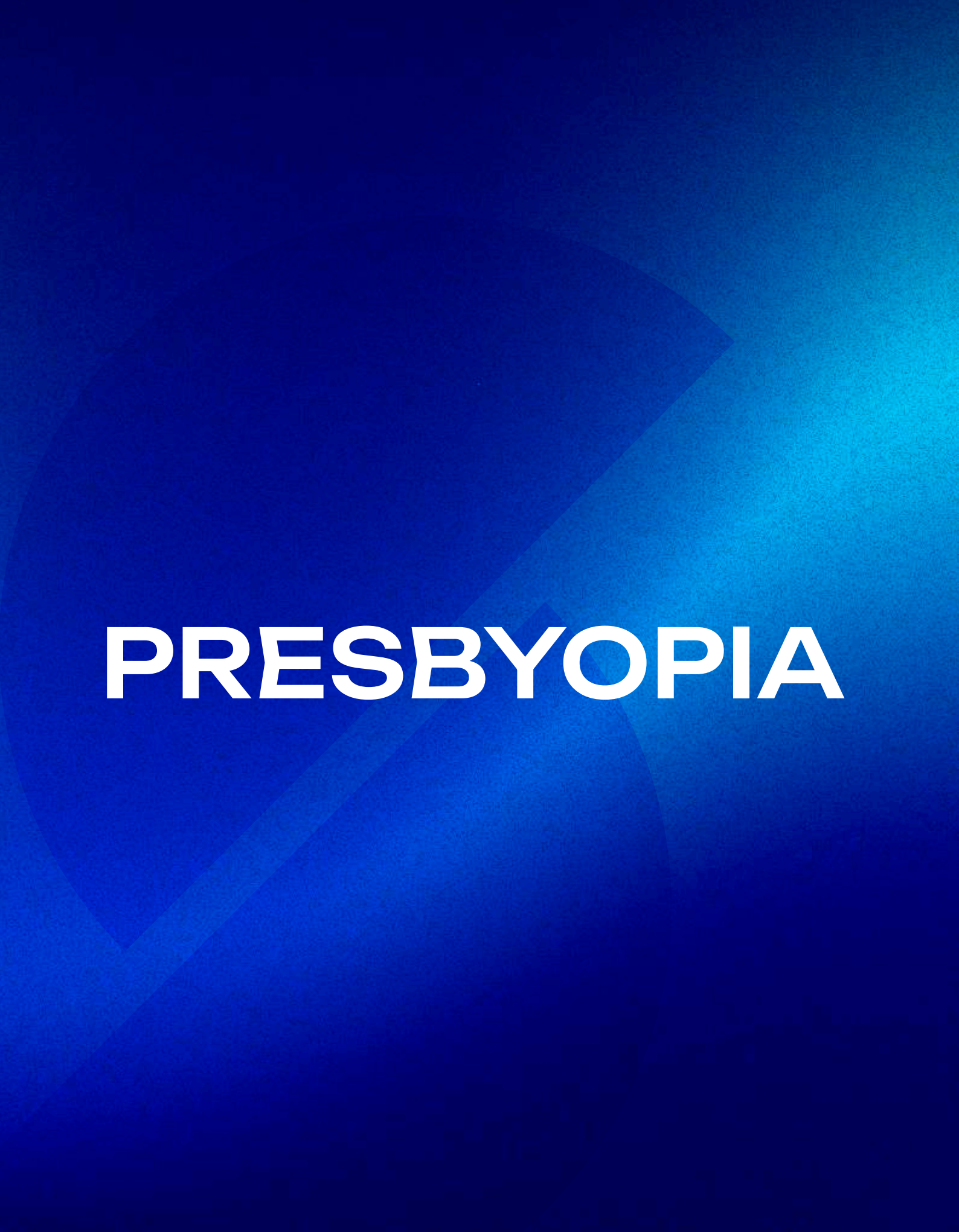
|                         | Skirt                    | GP Center |
|-------------------------|--------------------------|-----------|
| • <b>Material:</b>      | SiHy                     | MaxVu     |
| • <b>Dk:</b>            | 84                       | 130       |
| • <b>Water Content:</b> | 32%                      | -         |
| • <b>Filter:</b>        | UVA/UVB Blocker Class II |           |



### Design

- Aspheric, reverse geometry vaulted lens design for clear vision using GP lenses.
- Includes flatter base curves than the standard UltraHealth.
- The patented HyperBond<sup>®</sup> junction secures the GP center and the soft skirt.
- The cushioned SoftCushion<sup>®</sup> landing zone increases comfort.
- UVA and UVB blockers to protect the eyes from harmful rays.



The background is a deep blue gradient with subtle, overlapping geometric shapes in slightly lighter shades of blue, creating a modern and abstract aesthetic.

# PRESBYOPIA



# Duette®

## PROGRESSIVE

### CONTACT LENSES

## HYBRID FOR PRESBYOPIA

Duette Progressive is available in both Center Distance and Center Near designs. The center distance lens has adjustable center distance optics: the size of the center distance zone ranges from 1.8 to 4.0 mm, driven by photopic pupil size. Add powers range from +0.75 to +5.00D. The Duette Progressive Center Near design offers a seamless progression of power from near to distance and a choice of three add powers.



## Indications

- Patients intolerant to RGP lenses who are looking for the comfort of a soft lens and the vision of an RGP lens.



## Parameters

- **Base Curve (mm):** 7.10 to 8.30 (0.10 steps)
- **Diameters (mm):** 14.5
- **Spheres (D):** +5.50 to -10.00 (0.25 steps)
- **Adds (D):** CD: +0.75 to +5.00 (0.25 steps)  
CN: +1.00 | +1.75 | +2.50
- **Optical Zone (mm):** CD: 1.80 to 4.00 (0.10 steps)  
CN: 3.00
- **Skirt Curve (mm):** 8.1 (Medium), 8.4 (Flat)  
8.7 (Flat 2)



## Semi-annual Replacement



## Material

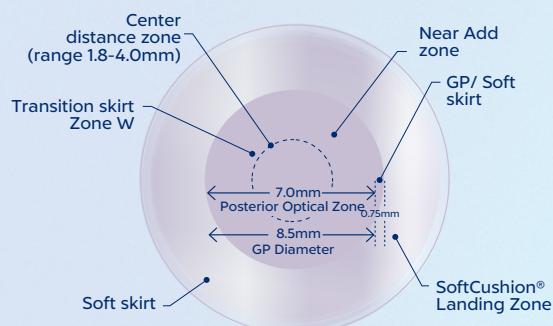
|                         | Skirt                       | GP Center |
|-------------------------|-----------------------------|-----------|
| • <b>Material:</b>      | SiHy                        | MaxVu     |
| • <b>Dk:</b>            | 84                          | 130       |
| • <b>Water Content:</b> | 32%                         | -         |
| • <b>Filter:</b>        | UVA/UVB Blocker<br>Class II |           |



## Design

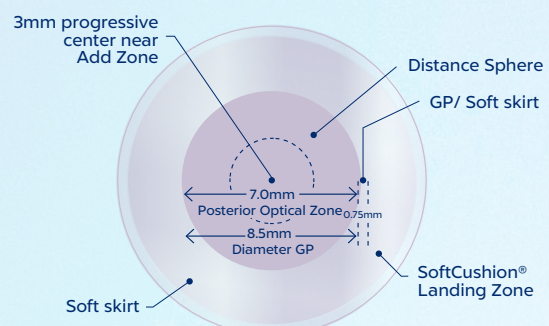
### Center Distance (CD) Design

Adjustable Center Distance Zone (mm): 1.8-4.0  
Add Powers (D) +0.75 to +5.00 in 0.25 D steps



### Center Near (CN) Design

Center Near Zone (mm): 3.0  
Add Powers (D) +1.00, +1.75, +2.50



## HYBRID PRODUCT MATRIX

| Corneal conditions                               | 1st Option                                                                                                                                        | 2nd Option                                                                                                           |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Spherical eye: myopia and hyperopia              |  Duette                                                          |  SynergEyes A                     |
| Astigmatism up to 2.25 D                         |  Duette                                                          |  SynergEyes A                     |
| Astigmatism 2.50 D or more                       |  Duette Enhanced Profile                                         |  SynergEyes A<br>Enhanced Profile |
| Normal cornea with presbyopia                    |  Duette Progressive                                              |                                                                                                                      |
| Presbyopia with Astigmatism up to 2.00 D         |  Duette Progressive<br>Near or distance zone                     |                                                                                                                      |
| Presbyopia with Astigmatism up to 2.25 D or more |  Duette Progressive<br>Enhanced Profile<br>Near or distance zone |                                                                                                                      |
| Emerging Keratoconus                             |  UltraHealth                                                    |  UltraHealth FC                  |
| Moderate Keratoconus (mild cone)                 |  UltraHealth FC                                                |  UltraHealth                    |
| Moderate Keratoconus (central cone)              |  UltraHealth                                                   |  SynergEyes KC                  |
| Advanced Keratoconus                             |  UltraHealth                                                   |  SynergEyes KC                  |
| Early Pellucid Marginal Degeneration             |  UltraHealth FC                                                |  UltraHealth                    |
| Moderate Pellucid Marginal Degeneration          |  UltraHealth FC                                                |  UltraHealth                    |
| Advanced Pellucid Marginal Degeneration          |  UltraHealth                                                   |                                                                                                                      |
| Post Keratoplasty - Prolate Graft                |  UltraHealth FC                                                |                                                                                                                      |
| Post Keratoplasty - Prolate Graft                |  UltraHealth                                                   |                                                                                                                      |
| Post-Surgery Ectasia (mild to moderate)          |  UltraHealth FC                                                |  UltraHealth                    |
| Post-Surgery Ectasia (severe)                    |  UltraHealth                                                   |                                                                                                                      |

**Explanation**  Normal Cornea Hybrids  Irregular Cornea Hybrid

With **NaturalVue® (etafilcon A) Enhanced Multifocal 1 Day™**, eye care professionals can offer a versatile solution for presbyopes of all ages, from emerging to mature stages, who prefer to maintain their lifestyle with contact lenses. Its Neurofocus Optics® design with One Universal ADD provides statistically better near vision while maintaining clear distance vision, without the need for major power changes as the patient ages.



## Indications

- Daily wear for the correction of refractive ametropia (myopia and hyperopia) and/or presbyopia.
- For the control of myopia progression in normal eyes.
- Astigmatism up to 2.00 DC.
- For presbyopes of all ages, from emerging to mature stages, who prefer to maintain their lifestyle with contact lenses.



## Parameters

- **Total power range:** +4,00D to -12,25 (0.25D steps) (full range)
- **Base Curve (mm):** 8.3
- **Diameter (D):** 14.5
- **ADD (mm):** Extended depth of focus universal ADD; ADD power requirements up to 3.00D



## Material

- **Material** etafilcon A
- **Water Content:** 58%
- **Tint:** Blue
- **Pack:** 30 - 90 - 10 (Trial)
- **UV Protection :** Class 2 UV blocker (~98% UVB 280–315 nm ~84% UVA 316–380 nm)



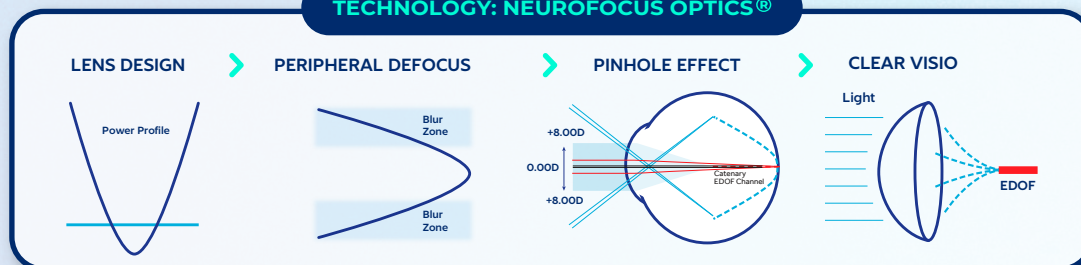
## Replacement

**Daily disposable**



## Design

### TECHNOLOGY: NEUROFOCUS OPTICS®

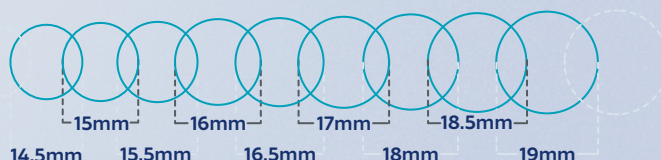


Center-distance design with +6.00 to +8.00 D of peripheral plus add, in continuous, uninterrupted progression (at 6 mm diameter) — unlike concentric ring designs with alternating power zones.

# **SCLERAL** LENSES

**BostonSight SCLERAL** is an evidence-based, quadrant-specific lens design backed by BostonSight's more than 30 years of experience fitting lenses for the most difficult and complex cases of ocular surface disease.

## Diameters to meet all your patients' needs



**1.8**  
CUTS  
ON AVERAGE  
PER EYE

## Indications

### 14.5, 15.0, 15.5mm

- Microcorneas
- Small HVID ( $\leq 11.00\text{mm}$ )
- Small apertures
- Tight eyelids
- Difficulty handling the lenses
- Pediatric patients
- SJS limited by symblepharon

### 16.0, 16.5, 17.0mm

- Small apertures
- Tight eyelids
- Pediatric patients
- SJS limited by symblepharon
- Regular Corneas
- Higher-elevation corneas
- Average SAG
- HVID ( $\leq 12.00\text{mm}$ )
- Post-op with mild ectasia
- Limbus-to-limbus astigmatism
- Mild keratoconus

### 18.0, 18.5, 19.0mm

- Highly ectatic corneas
- Large HVID ( $\leq 11.5\text{mm}$ )
- Compromised ocular surface
- Chronic exposure
- Compromised or fragile grafts
- Severe dry eye

## Parameters

|                  |                               |
|------------------|-------------------------------|
| Base Curve (mm): | 6.0 to 10.0 (0.1 steps)       |
| Diameters (mm):  | 14.5 to 19.0 (0.5 steps)      |
| Spheres (D):     | -25.00 to +35.00 (0.25 steps) |
| Cylinder (D):    | Up to -8.00 (0.25 steps)      |
| Multifocal (D):  | +1.00 to +3.00 (0.25 steps)   |

### Other Options:

#### SmartSight Technology:

SmartSight® FSE  
SmartSight HOA®  
SmartFocus™ Multifocal

#### SmartChannel® Technology:

Suction reduction  
Overcoming anatomical obstacles

## Material

- **Recommended:** Optimum-Extra,  
Optimum-Extreme  
Optimum-Infinite

**OPTIMUM**  
"Contamac"

- **Other options:** Boston® EQII, Boston® XO2  
Acuity 200™  
Tangible® Hydra-PEG coating



## Fitting Sets

### Fitting with BostonSight SCLERAL

Fit with our easy-to-use FitKit®, or digitally design a FREE FORM lens with Smart360®. Trial sets in 14.5, 15.0, 15.5mm, 16.0, 16.5, 17.0 mm and 18.0, 18.5, 19.0 mm.

### FITKIT Design

Three diameters in a convenient kit with anatomical designs for the left and right sides, allowing a more precise fit:

9

Main  
Lenses

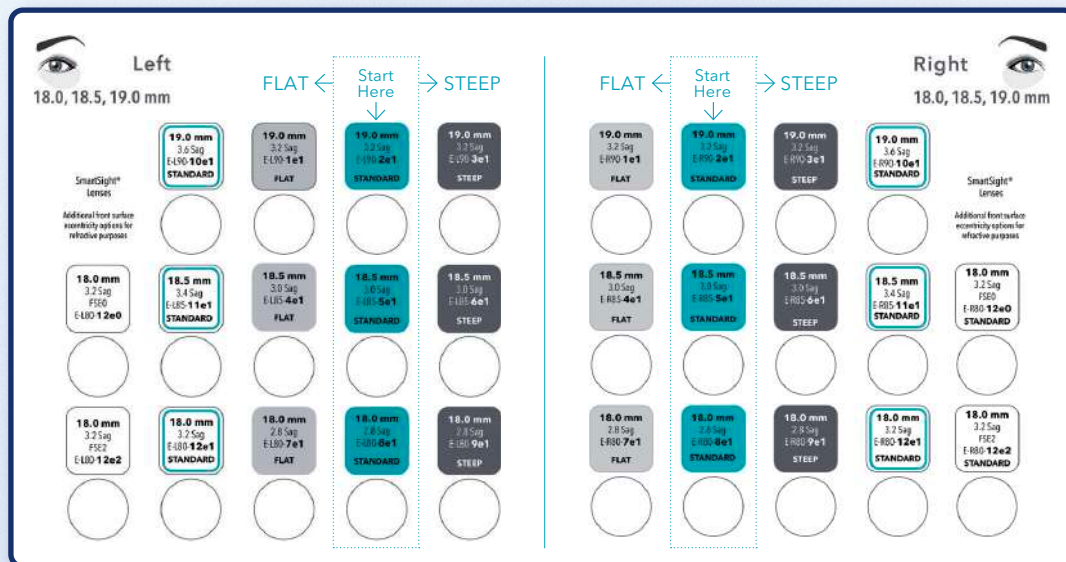
3

Lenses to increase  
curvature: one per  
each diameter

2

SmartSight® Lenses  
Additional FSE

For the control of residual higher-order aberrations (HOA), in order to achieve the best corrected visual acuity without the need for an aberrometer.



*\*All trial lenses have a power of +0.25 D, an 8 mm base curve, built-in FSE1, an oval optical zone and independent quadrant-specific haptics.*

### FREE-FORM fitting with SMART360

Send the eye scan data directly to FitConnect, our online platform for lens design and order management.



**SMARTLENS™** is the first scleral lens with simplified engineering: a "Smart 4 Zone" design that separates the corneal optics from the peripheral support into four independent zones, reducing the number of fitting variables without sacrificing precision. It incorporates a Toric Haptic Periphery (PHT) with laser-engraved marks for predictable rotational stability even on corneas with high corneal astigmatism, and allows the vast majority of eyes to be fitted with a single 16-lens trial set.



## Parameters

|                                 |                                                                    |
|---------------------------------|--------------------------------------------------------------------|
| Base Curve (mm):                | 5.72 – 9.6 (59.00 – 35.00D)                                        |
| Diameters (mm):                 | 14.5 – 17.0 (0.1 increments)                                       |
| Power (D):                      | -±30.00 (0.25 steps)                                               |
| Cylinder (D):                   | Up to -5.00                                                        |
| Axis:                           | 1° to 180° (1° steps)                                              |
| Dual-depth axis:                | 0-360                                                              |
| Zone 2(PCZ) / 3(LLZ) / 4(SLZ):  | +/-15 steps of 25μ                                                 |
| Toricity Zones 3 & 4 (LLZ/SLZ): | +15 in steps of 25μ                                                |
| Quadrant-Specific:              | +/-15 in steps of 25μ (independent control of each of the 4 zones) |



## Material

- **Material:** Boston XO, BXO2, Opt Extra, Opt Extreme, Contamac Infinite
- **DK:** 100



## Design

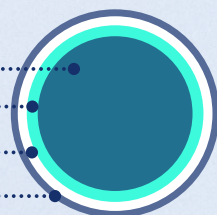
### SMART 4 ZONE

ZONE 1: (Central Vault)

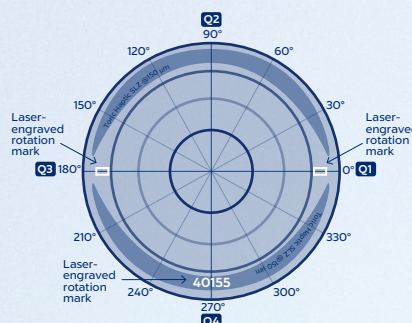
ZONE 2: (Peripheral Corneal)

ZONE 3: (Limbal Lift)

ZONE 4: (Scleral Landing)



### TORIC HAPTIC PERIPHERY (PHT)



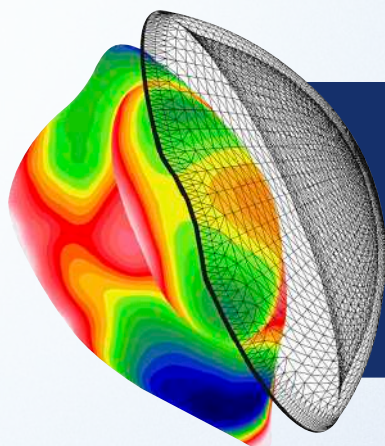
- Rotation marks laser-engraved (0°/180°) and sagittal indicator, visible under the slit lamp.
- SLZ toric haptic: 125 μm (Ø15.5 mm) or 150 μm (Ø16.5 mm) for rotational stability in 4 quadrants (Q1-Q4).



## Fitting Set



| Diameter | Design                        | Quantity |
|----------|-------------------------------|----------|
| 15.0 mm  | Symmetric (no PHT)            | 2 lenses |
| 15.5 mm  | Toric landing · 125 μm haptic | 7 lenses |
| 16.5 mm  | Toric landing · 150 μm haptic | 7 lenses |



A **"FREE FORM"** design with endless modification and profile possibilities to achieve the best lens fit and performance. SmartLens PRO can be fitted empirically, with or without a corneoscleral profilometer. Design modifications can be made in 360° over the shape of the cornea and toward the sclera.



## Indications

- Irregular astigmatism
- Keratoconus and corneal ectasias
- Steep or pellucid corneas
- Dry eye
- Post-surgery (e.g. trabeculectomy)
- Pterygium / pinguecula
- Corneal decentration



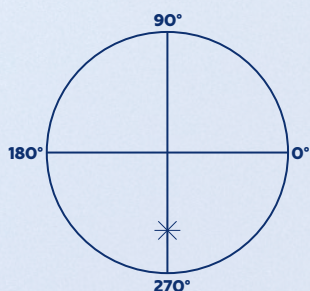
## Parameters

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Base Curve (mm):   | 6.75 to 7.85                                            |
| Diameter (mm):     | 15.5 - 16.0 - 16.5<br>(customizable 14.5 to 20.0+)      |
| Optical Zone (OZ): | 8.0 / 8.5 / 9.0mm per Dia.                              |
| Sphere:            | -2.00 to -8.00                                          |
| SAG:               | 4.04 to 5.67 mm depending<br>on BC/diameter combination |
| Cylinder and Axis: | Available on the front<br>surface as customization      |

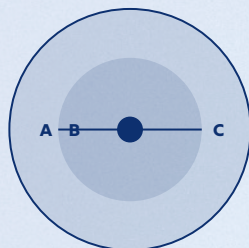
*\*Peripheral zones and curves adjustable by quadrant;  
check availability of manufacturing ranges*



## Alignment diagram



Laser asterisk fixed at 270°,  
steep meridian reference  
and haptic alignment



Limbal curve indicator (ICL):  
the limbus should sit  
between lines A and B



## Material

- **Material:** Boston XO, BXO2, Opt Extra, Opt Extreme, Contamac Infinite
- **Recubrimiento opcional:** Hydra-Peg



## Customization

- **Notching**
- **HD optics**
- **Fenestration / Truncation**
- **Single / double SmartVault**
- **Quadrant-specific (Free form)**
- **Multifocal / combined optics**

MAXIM 3D™ is a Free Form scleral lens developed with 3D design software and computer-controlled lathes. It allows the central zone, limbal zone and peripheral curves to be modified independently in each quadrant, achieving ideal clearance over the corneal apex and limbus and a fluid reservoir that protects the ocular surface. Its trial set features a standard toric haptic, Limbal Curve Indicators (LCI) and patented OnPoint alignment technology, all laser-marked, for a precise, stable fit with less chair time, from irregular corneas to presbyopic patients.

## Parameters

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Base Curve (mm):           | Custom — mimics the corneal shape (set: 6.75 – 7.85)                |
| Diameter (mm):             | 15.4 - 15.9 - 16.4mm                                                |
| SAG:                       | Custom — fit by SAG (+0.1 mm per 1.0 mm of touch)                   |
| Power (D):                 | Custom, by over-refraction (set: -2.00 to -8.00)                    |
| Cylinder:                  | Front surface toric (no LARS compensation needed)                   |
| Toric Haptic:              | Standard, ~200 $\mu$ differential (set: 170 – 225 $\mu$ )           |
| Peripheral Curves:         | Adjustable per quadrant (1 step = 70 $\mu$ )                        |
| Quadrant Specific:         | Independent central, limbal and peripheral zones in all 4 quadrants |
| AccuVault (single / dual): | 3.5 mm wide $\times$ 300 $\mu$ deep, custom position and size       |
| Multifocal:                | ADD +1.00 to +3.50 · center-near zone 1.5 – 4.0 mm                  |
| Reference Mark:            | Laser asterisk at 6 o'clock (270°)                                  |

## Indications

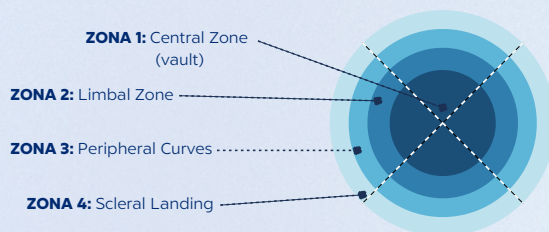
- Keratoconus: moderate, advanced, severe and globus
- Pellucid marginal degeneration
- Post-surgical: LASIK, RK and penetrating keratoplasty
- Corneal trauma and irregular corneas
- Dry eye and ocular surface disease
- Irregular sclera: pterygium, pinguecula, shunts, trabeculectomy bleb
- Presbyopes needing multifocal correction

## Material

- **Material:** Contamac Optimum  
Infinite, Extreme, Extra
- **Dk:** 100 - 180 (depending on material)

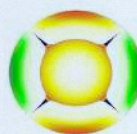
## Design

### FREE FORM 3D



Each zone can be modified independently in all 4 quadrants

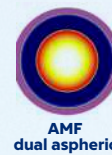
### TORIC HAPTIC & LASER MARKS



- Standard 200  $\mu$  toric haptic aligns to scleral asymmetry.
- Asterisk at 270° marks the steep meridian.

- **LCI:** nasal and temporal Limbal Curve Indicators (A-B-C) to select diameter.
- **OnPoint:** laser grid showing the angle and amount of optic offset.

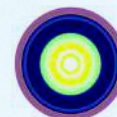
### MULTIFOCAL OPTICS



AMF dual aspheric



Center-near perisopic



Alternating zone near / distance



Custom zone size & ADD

## 14.8mm



### Indications

- Normal corneas (median flat K reading).
- Early to advanced keratoconus.
- Pellucid marginal degeneration.
- Corneal transplants (low and high depth).
- Ocular surface disease.
- Post-refractive surgery.
- Pingueculae, scleral spots, deep-set eyes or small apertures.

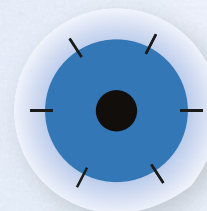


### Design



### Parameters

|                               |                                  |
|-------------------------------|----------------------------------|
| Diameter (mm):                | 14.8 mm<br>(flexes 14.5–15.5 mm) |
| SAG (μm):                     | 3,400 to 4,200                   |
| Base Curve(mm):               | 8.45 to 6.90                     |
| Power:                        | -4.00 to -12.00                  |
| Standard thickness (μm):      | 300 Spherical only               |
| PCCZ / LCZ / SLZ adjustments: | Steps of 25μm of sagittal depth  |



## 16.3mm



### Indications

The 16.30 mm diameter lens is designed for corneas with a normal or large horizontal visible iris diameter and for sclerae with little toricity or irregularity.

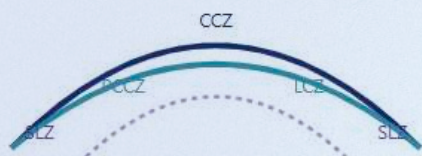


### Design



### Parameters

|                               |                                  |
|-------------------------------|----------------------------------|
| Diameter (mm):                | 16.3 mm<br>(flexes 14.5–15.5 mm) |
| SAG (μm):                     | 3,800 to 5,400                   |
| Base Curve (mm):              | 8.45 to 6.25                     |
| Power:                        | +2.00 to -14.00                  |
| Standard thickness (μm):      | 300                              |
| PCCZ / LCZ / SLZ adjustments: | Steps of 25μm of sagittal depth  |



#### 4 independently adjustable zones:

- Central Clearance Zone (CCZ)
- Peripheral Corneal Clearance Zone (PCCZ)
- Limbal Clearance Zone (LCZ)
- Scleral Landing Zone (SLZ)

The **EUROPA SCLERAL** contact lens, available in lens diameters of 16.0 mm, 18.0 mm and 22.00 mm, completely vaults the regular or irregular cornea, allowing it to retain a larger fluid reservoir.



### Indications

- Irregular corneas due to keratoconus, corneal transplant, trauma or surgery.
- Ocular surface diseases: severe dry eye, primary and secondary ectasias.
- Stevens-Johnson and Sjögren's syndrome.
- Alternative when acceptable vision is not achieved with soft lenses.



### Parameters

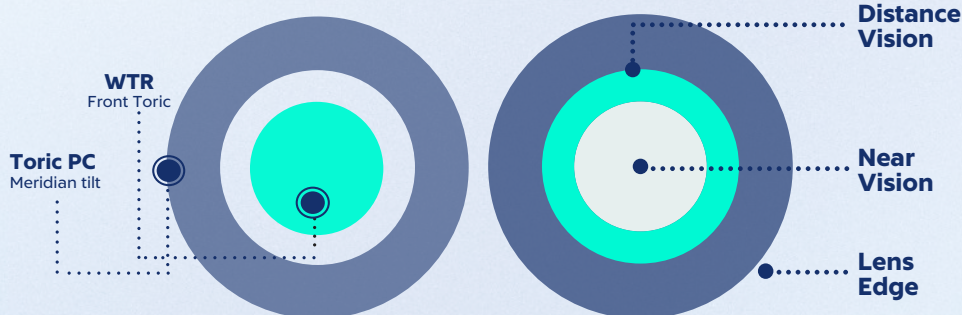
|                  |                              |
|------------------|------------------------------|
| Base Curve (mm): | Any                          |
| Diameter (mm):   | 16.0 - 18.0 - 20.0           |
| BV Power:        | Custom                       |
| Cylinder (D):    | -0.25 to -15.00 (0.25 steps) |
| Axis (°):        | 1 to 180 (steps of 1)        |
| Toric Haptic:    | 0.50 to 8.00 (0.50 steps)    |
| Add:             | +1.00 to +3.50 (0.50 steps)  |

### OPTIMUM

*All lenses are plasma treated to ensure surface wettability.*



### Design



#### • Add Powers

+1.00 D, +1.50 D, +2.00 D, +2.50 D, +3.00 D, +3.50 D

#### • 2mm Center Near Zone:

1.0 to 3.5mm (0.5mm steps)

If you wish to use a central zone for distance correction and the periphery for near correction, this is available upon request.



### Fitting Set



#### BASIC (16mm) 20 lenses 6 lenses with toric haptics

Base Curves 38.00 to 51.00D

#### ADVANCED (18mm) 13 lenses

Base Curves 42.00 to 57.00D



# Atlantis™ SCLERAL

Atlantis Scleral is an easy-to-fit lens that is comfortable for your patients. The fitting philosophy is based on customizing the lens fit by managing 3 different zones to control the relationship between the sagittal height of the lens and the anterior ocular surface. This produces one of the most diverse ranges of sagittal depth available in the industry.



## Indications

- Keratoconus / Keratoglobus
- Astigmatism
- Post-surgical
- Post corneal transplant
- PMD (pellucid marginal degeneration)
- Sjögren's syndrome
- Severe dry eye\* / corneal surface disease
- Graft-versus-host disease
- Stevens-Johnson syndrome
- Presbyopia (multifocal design)
- Intolerance to GP or soft lenses

*\*Therapeutic indication for dry eye when the lens is manufactured in materials with a specific indication (see Materials).*



## Parameters

|                     |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| Base Curve:         | 6.50 to 9.12mm                                                                               |
| Diameter:           | 14.0 to 17.5mm (0.5 steps)                                                                   |
| Power:              | +20.00 to -20.00D (0.25D steps)                                                              |
| Limbal Zone:        | Up to 100 microns of reduction<br>Up to 200 microns of increase<br>Quadrant-specific control |
| Scleral Zone:       | 1 to 10 (flat or steep)<br>steps of 25 µm                                                    |
| Toric Scleral Zone: | Bi-Meridian Control<br>Quadrant-specific control                                             |
| Cylinder Power:     | -0.75 to -5.00D (0.25D steps)                                                                |
| MF Distance Zone:   | 3.6 / 4.0 / 4.4mm                                                                            |
| MF Add (D):         | +0.75 to +4.00D                                                                              |



## Material

- **Material:** Optimum Extra\* / Optimum Extreme\*  
Optimum Infinite / Boston XO\*  
Boston XO2\* / Paragon HDS

### PlasmaEYEZ

Plasma treatment included from the factory on all Atlantis lenses.

### Tangible Hydra-PEG.

Optional coating, available in all materials.



## Diameters and Design

**14.5 C Compact**

Normal corneas, presbyopic patients, small corneas (HVID < 11.5) or narrow palpebral fissures.

**15.5 X Start**

Recommended starting point. Oblate, irregular Start or normal corneas with HVID > 11.5.

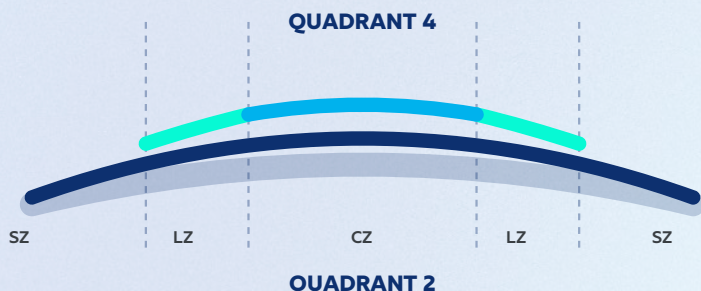
**16.5 L Large**

Greater sagittal depth when 15.5 mm is not enough; extra Large large HVID or greater limbal clearance

*Diameter option of up to 17.5 mm for greater sagittal depth. Single diagnostic set (12 lenses) to fit any corneal sagittal height or scleral shape.*



## Diagram



■ **CZ — Central Zone** : optical zone; designed not to touch the cornea.

■ **LZ — Limbal Zone (vault)**: controls the vault over the limbus without affecting the overall sagittal height.

■ **SZ — Scleral zone**: aligns with the sclera; each step changes the total sagittal height by 25 µm (360° or quadrant-specific).

Rigid gas permeable scleral lens with a three-zone design that completely vaults the cornea and limbus, resting exclusively on the conjunctiva and sclera. Its large diameter prevents corneal contact and lens displacement while maintaining a continuous tear reservoir. Available in i-Matrix (rotationally symmetric) and i-Matrix ST (toric scleral) versions, as well as the Multi CD variant for presbyopia.



## Indications

- **Corneal irregularities:** keratoconus, pellucid marginal degeneration, post-surgical ectasia.
- Post-transplant (keratoplasty) and corneal trauma.
- **Severe dry eye (incl. Sjögren's syndrome):** protective function and continuous tear reservoir.
- Cases without acceptable centration or vision with conventional rigid lenses.



## Annual Replacement



## Parameters

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| <b>Diameter:</b>         | 15 – 18 mm (HVID + approx. 4 mm; special sizes on request)                    |
| <b>Limbal Diameter:</b>  | HVID + 1.3 mm                                                                 |
| <b>Base Curve (BC):</b>  | Approx. 7.2mm in corneal irregularities<br>Approx. 7.8mm (flatter) in dry eye |
| <b>Center Thickness:</b> | 350 µm (also available in 300 µm)                                             |

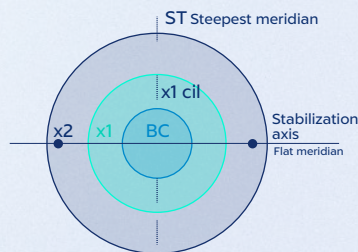


## Troubleshooting

|                |                       |                                                                                                                                             |
|----------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Central</b> | <b>+BC / -BC</b>      | Central bearing or clearance <300 µm → steeper base curve (+BC). Clearance >400 µm → flatter base curve (-BC).                              |
| <b>Limbal</b>  | <b>+x1 / -x1</b>      | Bearing on the limbus/graft → steeper x1. Fogging or conjunctival impression → flatter x1 or smaller diameter.                              |
| <b>Scleral</b> | <b>+x2 / -x2 / ST</b> | Centered blanching → steepen scleral zone (+x2). Peripheral blanching → flatten it (-x2). Lift-off in one meridian → switch to i-Matrix ST. |



## Design



- **BC (BOZD):** central base curve, spherical optical zone.
- **x1 (BPZD1):** tangential limbal zone, controls clearance.
- **x2 / ST (BPZD2):** tangential scleral zone; ST optimizes meridians in toric designs.



## Material

- **Material:** Optimum Extra / Extreme / Infinite
- **DK:** 100 / 125 / 180
- **Fabricación:** Precision lathing (CNC)





Freeform technology scleral lens: instead of relying on a case of trial lenses, the eye is digitally scanned using high-precision profilometry. The design software calculates an individual, thin, oxygen-permeable fit with uniform pressure distribution over the sclera, even in asymmetric or irregular surface patterns.

## THE SCLERAL CHALLENGE

**66%** of scleral shapes show asymmetric or irregular surface patterns.\*

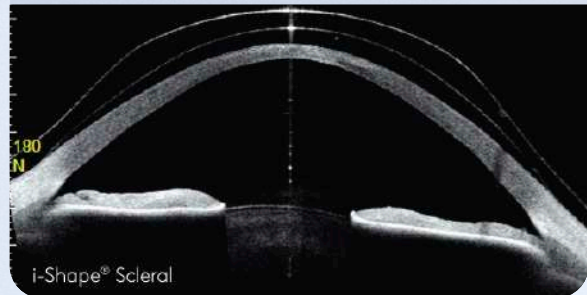
- Uniform distribution of weight and pressure is essential to avoid vascular compression and pressure points.
- Success depends on the individual geometric structures of the eyeball, which are often unknown.
- Conventional fitting with trial lenses requires a high degree of practical experience.



Lente escleral convencional (fabricante desconocido)

## ABOUT "FREEFORM"

- Up to **500,000** profilometric measurement points per eye (72 radials/segments and 36 meridians).
- Generation of a **3D eye model** that captures the asymmetries of the sclera and limbus.
- The BOZD (back optic zone) and its decentration are determined **automatically by software**.
- Precision manufacturing by **diamond turning (CNC)** from the individual model.

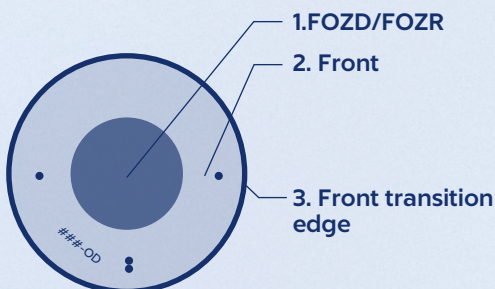


i-Shape® Scleral

Direct comparison on the same eye (OCT): *conventional scleral lens vs. i-Shape® Scleral*, thinner design, optimal scleral alignment, limbal clearance and no compression of the anterior chamber angle.



## Design



- i-Shape spherical or toric
- i-Shape multi CD/CN
- i-Shape with HOA correction
- Wavefront-guided optics (higher-order aberrations)

Stabilization marks at 0° and 180° · orientation marks (1 or 2 black dots) · serial number engraving.



## Material

- **Material:** Optimum Extra / Extreme / Infinite Boston XO



## Compatible Equipment

- Medmont Meridia Vantage
- ESP-Eaglet Eye Surface Profiler
- Pentacam HR Oculus
- Tomey Casia 2



Impression-based Freeform scleral lens: instead of optical profilometry, the individual geometry of the eye is obtained through a precise physical impression of the conjunctiva and sclera, which is digitally scanned with a powerful 3D scanner capturing approximately 1,000,000 measurement points per eye. The software calculates the optimal lens geometry, including base curve decentration using best-fit sphere or toricity, without manual adjustment, achieving optimal pressure distribution across the entire scleral landing zone.

### IMPRESSION TECHNOLOGY

- High-precision impression that adapts to asymmetric sclerae without relying on trial lenses.
- Proprietary 3D scanning software calculates the geometry with no manual adjustment.
- Thin, oxygen-permeable design with optimal pressure distribution across the entire landing zone.
- Stable vision with no slipping or pressure sensation, at all times.

### LONG-TERM SYSTEM

- Swiss made: manufactured under Swiss quality standards with technical leadership in R&D.
- Exact reproducibility with every replacement, from the stored individual mold.
- Exclusive distribution through specialist opticians and ophthalmologists, with dedicated advice.
- Long-term relationship: fitting success backed by ongoing technical support.



### Fitting Set





**GP**  
LENSES



## KERATOCONUS

# APEX™

Apex™ is a contact lens for keratoconus with an innovative design that incorporates a series of factors that simplify fitting in patients with this condition. The design is based on the premise that successful gas permeable lens wearers must be provided with a lens that minimizes apical interaction and avoids impingement on the peripheral cornea, especially in the superior quadrant.

### 10 ADDITIONAL TRIAL LENSES

|             |                                |
|-------------|--------------------------------|
| Base Curve: | 68.00D (4.96) to 59.00D (5.72) |
| Diameter:   | 8.2                            |
| Power:      | -17.00 to -20.00               |
| Edge:       | Medium                         |
| Material:   | Available in any material      |



## Parameters

### AVAILABLE SET PARAMETERS

|             |                                |
|-------------|--------------------------------|
| Base Curve: | 68.00D (4.96) to 40.00D (8.44) |
| Diameter:   | 7.9 to 10.5mm                  |
| Power:      | +30.00D to -30.00D             |
| Edge:       | Steep, Medium & Flat           |

### STANDARD SET OF 24 TRIAL LENSES

|             |                                |
|-------------|--------------------------------|
| Curva Base: | 58.00D (5.82) to 40.00D (8.44) |
| Diametro:   | 8.2 to 10.0                    |
| Power:      | Flat to -17.00                 |
| Edge:       | Medium                         |
| Material:   | Available in any material      |

A Wratten filter is included

## LARGE DIAMETER FOR IRREGULAR CORNEA

# TITAN™

LARGE DIAMETER

Titan™ lens is indicated for the treatment of multiple corneal irregularities. It is a large-diameter gas permeable lens with an aspheric back surface. The back surface prevents this large-diameter lens from becoming too tight in the peripheral and mid-peripheral zones of the cornea. More than one aspheric eccentricity value is assigned to improve the performance of the design.



## Parameters

|             |                                  |
|-------------|----------------------------------|
| Base Curve: | 50.00D (6.75) to 34.00D (9.93)   |
| Diameter:   | 11.3 to 12.3 (in steps of 0.1mm) |
| Poeer:      | +60.00D to -60.00D               |
| Edge:       | Steep, Medium & Flat             |
| Material:   | Recommended in Optimum Extra     |

### TRIAL SET PARAMETERS

|             |                                |
|-------------|--------------------------------|
| Base Curve: | 47.00D (7.18) to 35.00D (9.64) |
| Diameter:   | 11.8, 12.3                     |
| Power:      | +5.00D to Flat                 |
| Edge:       | Medium, Flat                   |
| Material:   | Recommended in  OPTIMUM EXTRA  |

An extended 13-lens diagnostic set is available in 12.3 diameter, with powers ranging from +5.00D to -3.00D.



## ASPHERIC LENS FOR IRREGULAR CORNEAS

# PINNACLE

The comfortable aspheric design of the Pinnacle lens is indicated for patients with myopia or hyperopia who exhibit moderate to high amounts of refractive astigmatism.

The Pinnacle lens design is a continuous aspheric concave geometry design with adjustable edge lifts to aid fit and comfort.



## Parameters

|                    |                                    |
|--------------------|------------------------------------|
| <b>Diameter:</b>   | 7.5mm to 12.6mm                    |
| <b>Base Curve:</b> | 56.25D (6.00mm) to 34.00D (9.90mm) |
| <b>Power:</b>      | +60.00D to -60.00D                 |
| <b>Material:</b>   | Available in any material          |

## FITTING SET PARAMETERS

### Standard

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| <b>Diámetro</b>   | 8.9mm CB up to 7.50mm<br>9.2mm CB up to 7.58mm a 7.85mm<br>9.5mm CB up to 7.94mm a 8.23mm |
| <b>Curva Base</b> | 46.50D (8.23mm) a 41.00D (7.26mm)                                                         |
| <b>Poder</b>      | -3.00D                                                                                    |
| <b>Material</b>   | Available in any material                                                                 |

### Large Diameter (LD)

|                   |                                    |
|-------------------|------------------------------------|
| <b>Diámetro</b>   | 10.2mm & 10.5mm                    |
| <b>Curva Base</b> | 51.00D (6.62mm) to 36.00D (9.38mm) |
| <b>Potencia</b>   | -3.00D                             |
| <b>Material</b>   | Available in any material          |

| Standard Diameter | Large Diameter (LD) | IC Diameter      |
|-------------------|---------------------|------------------|
| 7.5mm to 9.9mm    | 10.0mm to 11.2mm    | 11.3mm to 12.6mm |

\*The base curve radius restricts the range of available diameters.

**Elipsys** is a complete GP lens system for all types of corneas, based on research and 45 years of experience manufacturing gas permeable lenses. Its Sphero-Aspheric design with peripheral bearing control allows better corneal alignment, optimizes tear exchange and maintains lens centration and stability from the start of the fitting. In 85% of cases, the lens calculated with the trial set is the final lens.



## Indications

- Myopia and hyperopia
- Keratoconus and other irregular corneas
- Astigmatism, including internal astigmatism
- PMD (pellucid marginal degeneration)
- Intolerance to other GP lens designs
- Presbyopia (center-distance multifocal design)
- Refits and decentrations (Elipsys SE)

*Design with a variable-diameter optical zone that stays centered and stable on most irregular corneas.*

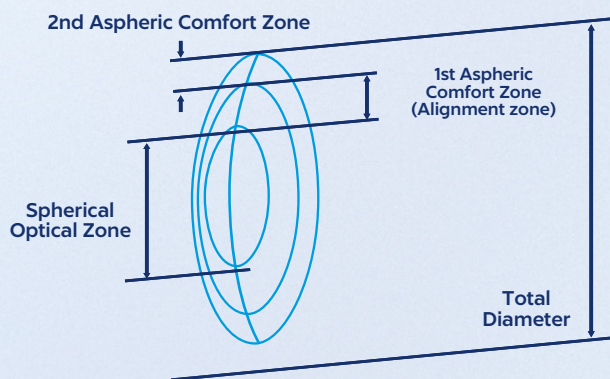


## Parameters

|                        |                                                   |
|------------------------|---------------------------------------------------|
| Geometry (Back):       | Sphero-Aspheric with peripheral alignment control |
| Geometry (Front):      | Sphero-Progressive                                |
| Power:                 | ± 25 D                                            |
| Eccentricity:          | STD, MED, MED 2, FLAT y FLAT 2                    |
| Base Curve:            | 5.00 to 11.00mm (0.05mm steps)                    |
| Total Diameter:        | 7.00 to 12.60mm (0.10mm steps)                    |
| Optical Zone Diameter: | 6.00 to 10.00mm (0.10 mm steps)                   |



## Design



## Material

- **Material:** Optimum Extra (Contamac) - Focon III 4
- **Dk:** 100
- **Tinte:** Blue
- **Plasma treatment included**
- **Identification engraving**



## Fitting Set

### FITTING SET - 30 LENSES

|                    |                        |                                                                       |
|--------------------|------------------------|-----------------------------------------------------------------------|
| <b>Elipsys STD</b> | Regular Cornea         | BC: 8.40 to 7.40mm / Power: +1.50 to -3.50D / Dt. 9.80mm - 10 Lenses  |
| <b>Elipsys KC</b>  | Irregular Cornea       | BC: 7.60 to 5.80mm / Power: -2.50 to -16.25D / Dt. 9.60mm - 10 Lenses |
| <b>Elipsys SE</b>  | Refits / decentrations | BC: 8.50 to 6.70mm / Power: +2.00 to -8.75D / Dt. 11.20mm - 10 Lenses |

**AccuConeK** is a revolutionary breakthrough in keratoconus lens design: each lens is crafted to replicate the unique conical shape of the cornea at every stage of the disease. Its cutting-edge geometry, made possible by state-of-the-art computer-controlled lathes, precisely shapes modern oxygen-permeable materials, reducing tear pooling at the base of the cone and achieving a uniform, balanced distribution under the lens.



## Benefits

- **Customized geometry:** fits each eye, correcting the myopia and astigmatism associated with keratoconus.
- **Easy to use:** easy to insert, remove and clean.
- **Corneal health:** allows the cornea to "breathe" oxygen directly through the lens.
- **High success rate:** more than 80% first-fit success internationally with the AccuConeK trial set system.

*Reduced-size optical zone, specifically designed to fit the contour of the cone and avoid excessive peripheral bearing.*



## Diameter selection

| Flat K / Steep K | Diameter |
|------------------|----------|
| 47.00 > 54.00 <  | 9.0mm    |
| 54.00 >          | 8.4mm    |

*The greater the cone progression, the smaller the lens diameter. Special diameters can be requested. The preliminary examination should include slit lamp and topography, evaluating signs such as Munson's ring, thinning, scarring and corneal distortion.*



## Fitting Sets

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| <b>8.6mm</b> | BC: 5.11 to 5.36 mm / Power: -18.00 to -16.00D / Optical Zone: 3.9 a 4.1mm |
| <b>8.8mm</b> | BC: 5.44 to 5.72 mm / Power: -14.00 to -12.00D / Optical Zone: 4.3 a 4.6mm |
| <b>9.0mm</b> | BC: 5.82 to 6.25 mm / Power: -12.00 to -10.00D / Optical Zone: 4.8 a 5.2mm |
| <b>9.2mm</b> | BC: 6.37 to 7.34 mm / Power: -10.00 to -8.00D / Optical Zone: 5.4 a 6.4mm  |

*Each lens includes its specific edge lift (AEL), factory-calibrated according to its base curve and diameter. Special diameters and curves available on request.*

## SoClear STD

**SoClear STD** corneal-scleral RPG lens is designed for cases with a regular cornea or mild irregularities, where centering and comfort with other geometries have been compromised, offering excellent visual quality and comfort during wear. The optical zone, which provides spherical correction, curves toward the periphery to ensure clarity at the limbus, along with a rim lift parallel to the sclera.



### Benefits

- High corneal astigmatism.
- In cases of high ametropia.
- In dry eye.
- In early-stage keratoconus.
- After low-prescription surgery.

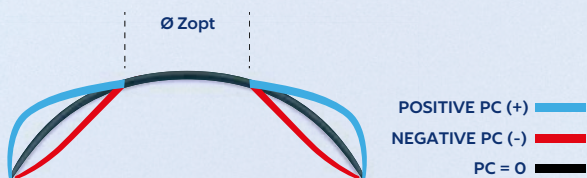


### Parameters

|                  |                               |
|------------------|-------------------------------|
| Base Curve (mm): | 5.00 to 15.00 (0.10 steps)    |
| Power (D):       | -50.00 to +50.00 (0.25 steps) |
| Diameters (mm):  | 6.00 to 16.00 (0.10 steps)    |
| PC (D):          | -15 to +15 (0.25 steps)       |
| Fenestration:    | 0 or 1                        |



### Design



### Material

- **Material:** Optimum Extra
- **Dk:** 100
- **Tint:** Blue



# SoClear MF

This lens is designed for eyes with a regular cornea or slight irregularities, where centering and comfort have been compromised with other geometries, offering excellent visual quality at all distances and comfort during wear. It is especially recommended for patients with high visual demands for near vision. Thanks to the defocus curve, visual results can be optimized with this lens.

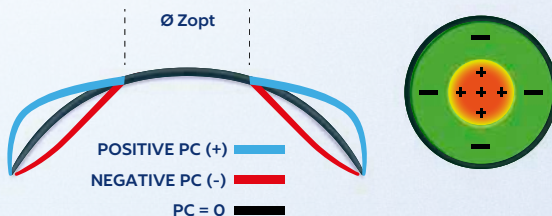


## Benefits

- High corneal astigmatism.
- In cases of high ametropia.
- In dry eye.
- In early-stage keratoconus.
- After low-prescription surgery.



## Design



## Parameters

|                  |                               |
|------------------|-------------------------------|
| Base Curve (mm): | 5.00 to 15.00 (0.10 steps)    |
| Power (D):       | -50.00 to +50.00 (0.25 steps) |
| Diameters (mm):  | 6.00 to 16.00 (0.10 steps)    |
| PC (D):          | -10.00 to +10.00 (0.25 steps) |
| Add (D):         | 0.00 to +6.00 (0.25 steps)    |
| Add Zone (mm):   | 0.50 to 6.00 (0.10 steps)     |
| Fenestration:    | 0 or 1                        |



## Material

- **Material:** Optimum Extra
- **Dk:** 100
- **Tint:** Blue

# SoClear KC

**SoClear KC** corneal-scleral RPG lens is designed for cases of irregular corneas, such as keratoconus, where centering and comfort with other geometries have been compromised, offering excellent visual quality and wearing comfort. The optical zone, with spherical or spherocylindrical correction, curves toward the periphery to ensure clarity at the periphery and at the limbus, along with a rim lift parallel to the sclera thanks to its greater asphericity.

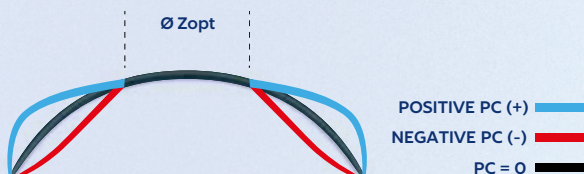


## Benefits

- Moderate keratoconus.
- Advanced keratoconus.



## Design



## Parameters

|                  |                               |
|------------------|-------------------------------|
| Base Curve (mm): | 5.00 to 15.00 (0.10 steps)    |
| Power (D):       | -50.00 to +50.00 (0.25 steps) |
| Diameters (mm):  | 6.00 to 16.00 (0.10 steps)    |
| PC (D):          | -10.00 to +10.00 (0.25 steps) |
| Fenestration:    | 0 or 1                        |



## Material

- **Material:** Optimum Extra
- **Dk:** 100
- **Tint:** Blue



# ORTHO-K LENSES

Paragon Vision Sciences is the only company that manufactures its own lens design (Paragon CRT® and Paragon CRT Dual Axis®) and its own material (Paragon HDS®100). Both are FDA approved for overnight wear: the patient inserts the lenses before going to sleep and they gently reshape the curvature of the cornea during sleep; when removed in the morning, the cornea keeps its corrected shape throughout the day, providing clear vision without glasses or contact lenses. It is a fully reversible, non-surgical correction option, approved by the FDA and used in more than 50 countries



## Indications

- Myopia control.
- • Not suitable for refractive surgery.
- • Alternative to surgery.
- • Alternative to glasses
- • Alternative to daytime contact lens wear.
- • Civil service exam candidates.



## Candidates

- Up to -6.00D of sphere.
- Up to 1.00D of corneal astigmatism\*
- Up to 2.75D of corneal astigmatism (DualAxis®)\*\*
- Any age\*\*\*
- No pre-existing eye pathology (dry eye, corneal ectasias)

\*Higher corneal cylinders can be compensated with CRT DualAxis.

\*\*Ask technical support whether higher cylinders can be compensated.

\*\*\*Provided the child's handling and responsibility are adequate.



## FDA Approval

|             |                      |
|-------------|----------------------|
| Myopia      | ≤ -6.00 D            |
| Astigmatism | ≤ 1.75 D             |
| Age range   | Patients of all ages |



## Parameters

|                     |                             |
|---------------------|-----------------------------|
| Base Curve (mm):    | 7.60 to 10.50 (0.10 steps)  |
| Return zone (RZD):  | 400 to 800 μm (25μm steps)  |
| Landing zone (LZA): | 25° to 40° (1° steps)       |
| Power (D):          | -2.00 to +2.00 (0.50 steps) |
| Optical zone (mm):  | 6.00                        |
| Diameter (mm):      | 9.50 to 12.00 (0.50 steps)  |
| Center Thickness:   | 0.16 & 0.22                 |

RZD and LZA maximum recommended difference: 200μm and 5° respectively. DualAxis® lenses have a thicker edge.



## Benefits

- Control of myopia progression.
- No dependence on glasses or contact lenses throughout the day.
- Minimizes the dry eye symptoms experienced with other types of contact lenses.
- Freedom to carry out certain activities without optical correction.



## Material

- **Material:** Paragon HDS®100, Optimum Infinite\*
- **Dk:** 100
- **Tint:** Green, Blue Red, Yellow

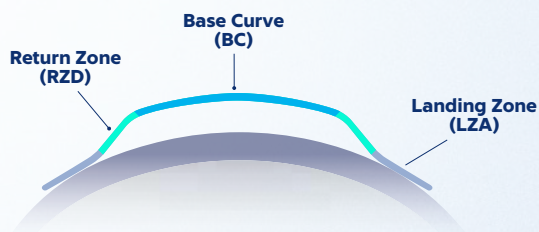
**Center thickness:** 0.16mm (CRT®) - 0.22mm (DualAxis®)

\*Lenses made of Optimum Infinite are only available in green and red tints. The parameters are laser-marked on the RZD of the lens for easy identification.



## Design

### CRT®



- **BC Optical Zone:** Provides the treatment mold that corrects myopia; it is adjusted only when the over-refraction is not at the target value (+0.50 to +1.00D)
- **Return Zone (RZD):** Sets the sagittal depth of the lens; controls uniform contact over the cornea.
- **Landing Zone (LZA):** Determines the edge lift; in DualAxis designs it can have two different axes for toric corneas.

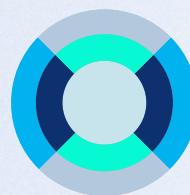
### CRT DUAL AXIS®



Dual return zone  
RZD<sub>1</sub> / RZD<sub>2</sub>



Dual landing zone  
LZA<sub>1</sub> / LZA<sub>2</sub>



Dual return zone and  
dual landing zone  
RZD<sub>1</sub> / RZD<sub>2</sub> LZA<sub>1</sub> / LZA<sub>2</sub>



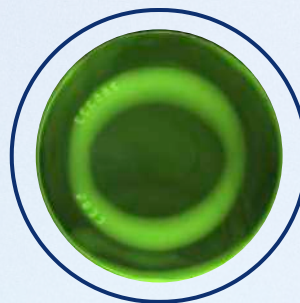
## Monitoring

1 day      1 week      1 moth      3 months

- **With lenses on:** visual acuity, over-refraction (target +0.50 to +1.00 D) and slit lamp (centration, edge lift 0.5-1 mm, treatment zone 3-4 mm).
- **Without lenses:** visual acuity, autorefraction/subjective, corneal health and topography if available.



## Fluorogram



Lens laser mark seen with  
fluorescein under cobalt blue light



## Certification

**To work with this design you must have completed the CRT certification**

You can complete the accreditation course by scanning the following code.



**MOONLENS** is an overnight contact lens system for orthokeratology, created by Ortho-K pioneers and contact lens design experts at KATT Design Group. Its patented algorithm calculates the exact tear film forces for each individual eye, making it possible to customize the sagittal depth, alignment zone and toricity to achieve an optimal fit from the first attempt. The patient sleeps with the lens on; it gently reshapes the cornea overnight and, when removed in the morning, provides clear vision free of glasses or contact lenses throughout the day. Customizable from children to adults



## Indications

|             |                      |
|-------------|----------------------|
| Myopia      | $\leq -8.00$ D       |
| Astigmatism | $\leq 2.50$ D        |
| Age range   | Patients of all ages |

*Contraindicated on an ocular surface with inflammation, infection or active ectasia. Requires a prior pre-orthokeratology evaluation.*

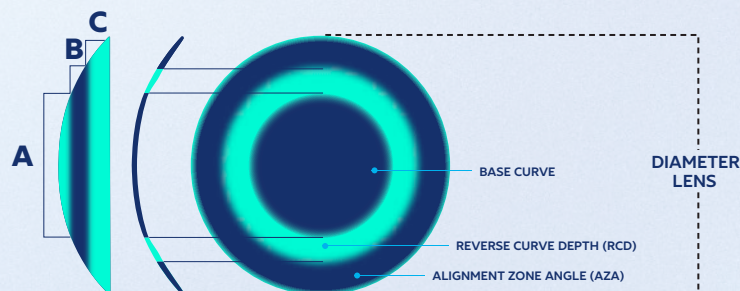


## Material

- **Material:** Boston Equalens®II



## Design



- **Optical Zone (A):** Creates the treatment mold with the exact tear forces for each eye's Rx and zone size; it can be reduced for children or enlarged for adults.
- **Reverse curve depth (RCD) (B):** Joins the optical zone fluid reservoir to the lens landing; it is adjusted in steps as small as 1 micron to control apical clearance.
- **Alignment zone angle (AZA) (C):** Controls centration and 360° landing; its unique edge contour maximizes tear exchange.



## Calculator

| Rx               | Child / Youth | Adult  |
|------------------|---------------|--------|
| $\leq -3.75$ D   | 5.5 mm        | 6.0 mm |
| -4.00 to -5.75 D | 5.5 mm        | 5.5 mm |
| $\leq -6.00$ D   | 5.0 mm        | 5.0 mm |

Online calculator: [moonlens.kattdesigngroup.com](http://moonlens.kattdesigngroup.com) — enter Rx, flat apical radius (or flat K) and eccentricity over an 8 mm chord; for a toric design, add the radius and eccentricity of the steepest meridian. Order MOONLENS at [sales@spctinternational.com](mailto:sales@spctinternational.com).



## Monitoring

1 day      1 week      1 month      3 months

- Evaluate in the morning after 1 night of wear: visual acuity, cornea/conjunctiva (SPK) and, if possible, topography.
- If vision, topography and corneal response are satisfactory, continue wear and re-evaluate in 1 week.

**NewVision SC Daily Wear Ortho-K** is the first FDA-approved daily wear orthokeratology corneo-scleral lens design. Unlike overnight orthokeratology, the patient wears the lens during the day to temporarily reduce myopia of up to -5.00 D in non-diseased eyes; to maintain the effect, wear must continue according to the prescribed schedule. Each lens is 100% customized from each eye's corneal elevation data (with no need for a diagnostic trial set), making it a comfortable and flexible alternative to soft lenses.



## Parameters

|                        |                                                  |
|------------------------|--------------------------------------------------|
| Myopia                 | Up to -5.00 D<br>Per over/undercorrection (BOZR) |
| Total diameter         | 11.7 – 13.5 mm (HVID + 0.8 mm)                   |
| Posterior optical zone | 6.2 mm (Standard) 0.2 mm steps                   |

*CBase curve (BOZR): combination of the patient's flat K + the spherical refractive error. Dual-elevation design with a star-shaped laser mark indicating the steepest meridian. 100% customized design based on corneal elevation data — no physical trial set required.*



## Material

• **Material:** Tisilfocon A • Infinite



## Design



### 1 • Base curve / posterior optical zone

Flatter than the central cornea to generate the myopia reduction effect; its width is customized per patient.

### 3 • Corneal alignment curves

Its width depends on the corneal diameter, achieving optimal centration and uniform distribution of the lens weight.

### 2 • Reverse curve zone

Realigns the optical zone with the peripheral cornea; it is adjusted in microns according to the corneal elevation of each key meridian.

### 4 • Corneo-scleral curves

They cover the limbus and sit under the eyelids with a slight lift that allows tear exchange.



## Parameters Adjustments

| Parameter             | Adjustment increment       |
|-----------------------|----------------------------|
| Optical zone width    | 0.2mm                      |
| Reverse curve         | 8µm (fine) / 15µm (coarse) |
| Alignment curves      | 1 step = 10µm              |
| Limbal-scleral bridge | 1 step = 20µm              |

**Central staining:** Increase the central sag

**Peripheral staining:** Loosen the corneal alignment curves



## Monitoring

- **Within 2 weeks of initial dispensing, with the lens on:** over-refraction and fluorescein pattern.
- **Without the lens:** visual acuity, corneal/limbal/conjunctival staining and, where possible, topography to verify centration and treatment effect.



## HIGH RESOLUTION ORTHO-K

Alexa OK AR offers you the widest range of products for developing Orthokeratology in your practice, allowing you to expand the range of candidates and offer orthokeratology treatment to children, adolescents and adults.



### Benefits

- The greatest myopia compensation capacity:
  - up to -5.00D (ALEXA OK AR) and up to
  - -10.00 D (ALEXA OK ARPLUS).
- Excellent astigmatism management, allowing up to -2.00 D of correction with AR OK and AR OK PLUS.
- Reduced emmetropization time.
- Optimized memory capacity.
- Very simple fitting.



### Initial lens selection

- Topography / Keratometry
- Horizontal visible iris diameter
- Refraction
- K code:  $K_m = (K_1 + K_2) / 2$
- Power code: sphere + corneal astigmatism/2
- Diameter: 93–95% of HVID.



### Material

- **Material:** Optimum Extra - Paflucocon D
- **Dk/Refractive index:** 100 / 1.44
- **Hardness/Wetting angle:** 79/42°
- **Tint:** Blue, Yellow, Red

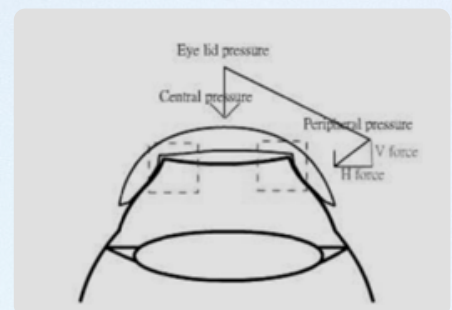


### Annual Replacement



### Design

ALEXA OK AR features a 4-curve design for compensations up to -5.00 D and a 5-curve design for compensations from -5.00 to -10.00 D, in both cases with a reverse band. The distinguishing feature of ALEXA OK AR is its alignment zone, which maximizes horizontal force. The result is exceptional centration and stabilization, faster emmetropization and a greater central compensation range.





## Alexa AR

It has a latest-generation four-curve design that allows corrections of up to **-5.00 D**, providing a simple, parameterized and optimized fitting.

| Available Materials           | Base Curve (mm)         | Power (D)     | Diameter (mm)            |
|-------------------------------|-------------------------|---------------|--------------------------|
| Optimum Extra<br>Paflucocon D | 7.46 to 9.92 steps 0.01 | +0.75 / +1.25 | 9.80 to 12.60 steps 0.20 |

## Alexa AR PLUS

It has a latest-generation five-curve design that allows corrections from **-5.00D to -10.00D**, providing a parameterized and optimized fitting.

| Available Materials           | Base Curve (mm)          | Power (D) | Diameter (mm)            |
|-------------------------------|--------------------------|-----------|--------------------------|
| Optimum Extra<br>Paflucocon D | 8.37 to 11.61 steps 0.01 | +2.00     | 9.80 to 12.60 steps 0.20 |

## Alexa AR TORIC

It features a toric design specifically created to achieve a correct fit in the alignment zone between the lens and the astigmatic cornea. **Astigmatism up to -4.00D.**

| Available Materials           | Base Curve (mm)          | Power (D)                        | Diameter (mm)            |
|-------------------------------|--------------------------|----------------------------------|--------------------------|
| Optimum Extra<br>Paflucocon D | 6.30 to 11.61 steps 0.01 | -0.75 / +0.75 /<br>+1.25 / +2.00 | 9.80 to 12.60 steps 0.20 |



## Alexa KH

It features a latest-generation design for performing orthokeratology in hyperopic patients, allowing corrections of up to **+6.00D** and providing a parameterized and optimized fitting.

| Available Materials           | Base Curve (mm)         | Power (D) | Diameter (mm)            |
|-------------------------------|-------------------------|-----------|--------------------------|
| Optimum Extra<br>Paflufocon D | 6.30 to 7.98 steps 0.01 | -0.75     | 9.80 to 12.40 steps 0.20 |

## Alexa KAR MULTIFOCAL

It has a latest-generation six-curve design that allows correction of ametropias from **+6.00D to -10.00D** combined with adds of up to **+4.00 D**.

| Available Materials           | Base Curve (mm)          | Power (D)                        | Diameter (mm)                |
|-------------------------------|--------------------------|----------------------------------|------------------------------|
| Optimum Extra<br>Paflufocon D | 6.30 to 11.61 steps 0.01 | -0.75 / +0.75 /<br>+1.25 / +2.00 | +0.75 to +4.00<br>steps 0.25 |

## Alexa KAR PL

It features a latest-generation design for performing orthokeratology aimed at post-LASIK patients, providing a parameterized and optimized fitting.

| Available Materials           | Base Curve (mm)          | Power (D)             | Diameter (mm)            |
|-------------------------------|--------------------------|-----------------------|--------------------------|
| Optimum Extra<br>Paflufocon D | 7.46 to 11.61 steps 0.01 | +0.75 / +1.25 / +2.00 | 9.80 to 12.60 steps 0.20 |

El lente RPG Ortolen Plus es un lentes de doble geometría inversa para ortoqueratología nocturna. Su diseño de doble banda inversa permite un mejor centrado del lente y por tanto un tratamiento más efectivo.



## Indications

- Myopia control
- Not suitable for refractive surgery
- Alternative to surgery
- Alternative to glasses
- Alternative to contact lens wear
- Daytime wear
- Civil service exam candidates



## Parameters

|                     |                             |
|---------------------|-----------------------------|
| Base Curve (mm):    | 7.50 to 9.00 (0.05 steps)   |
| Fitting curve (OR): | OR3 to OR9 (0.50 D steps)   |
| Diameter (mm):      | 10.20 to 11.40 (0.40 steps) |
| Power (D):          | +0,50                       |
| Optical zone (mm):  | 6.80 (customizable)         |

*\*Check availability of wider manufacturing ranges.*



## Candidates

- Up to -3.00 D of sphere
- Up to 1.00 D of with-the-rule corneal astigmatism.
- Up to 0.75 D of against-the-rule/oblique corneal astigmatism.
- Any age\*
- Eyes with no pre-existing pathology (pathological dry eye, corneal ectasias,...)

*\*Provided the child's handling and responsibility are adequate*

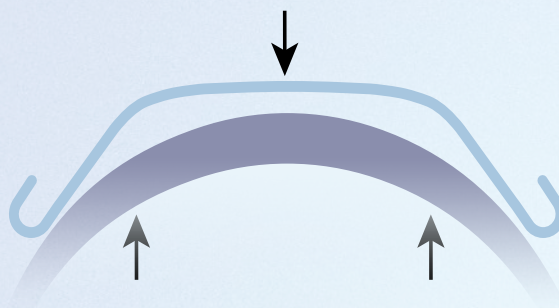


## Material

- **Material:** HDS 100
- **DK:** 100
- **Tint:** Blue



## Design



**VuelQ** OrthoK is a fully customized, elevation-driven orthokeratology lens designed to reshape the cornea using real corneal elevation data. Unlike traditional eccentricity-based methods, VuelQ lenses are tailored specifically to the patient's corneal shape, refraction and visual goals with empirical fitting, with no need for trial lenses.



## Indications

- Myopia control.
- Children, adolescents and adults.
- Patients who want to stop wearing glasses.
- Practices looking to simplify and modernize the orthokeratology fitting process.



## Material

- **Material:** Optimum Infinite
- **DK:** 181
- **Marca:** Laser: asterisk + serial number on the steepest meridian



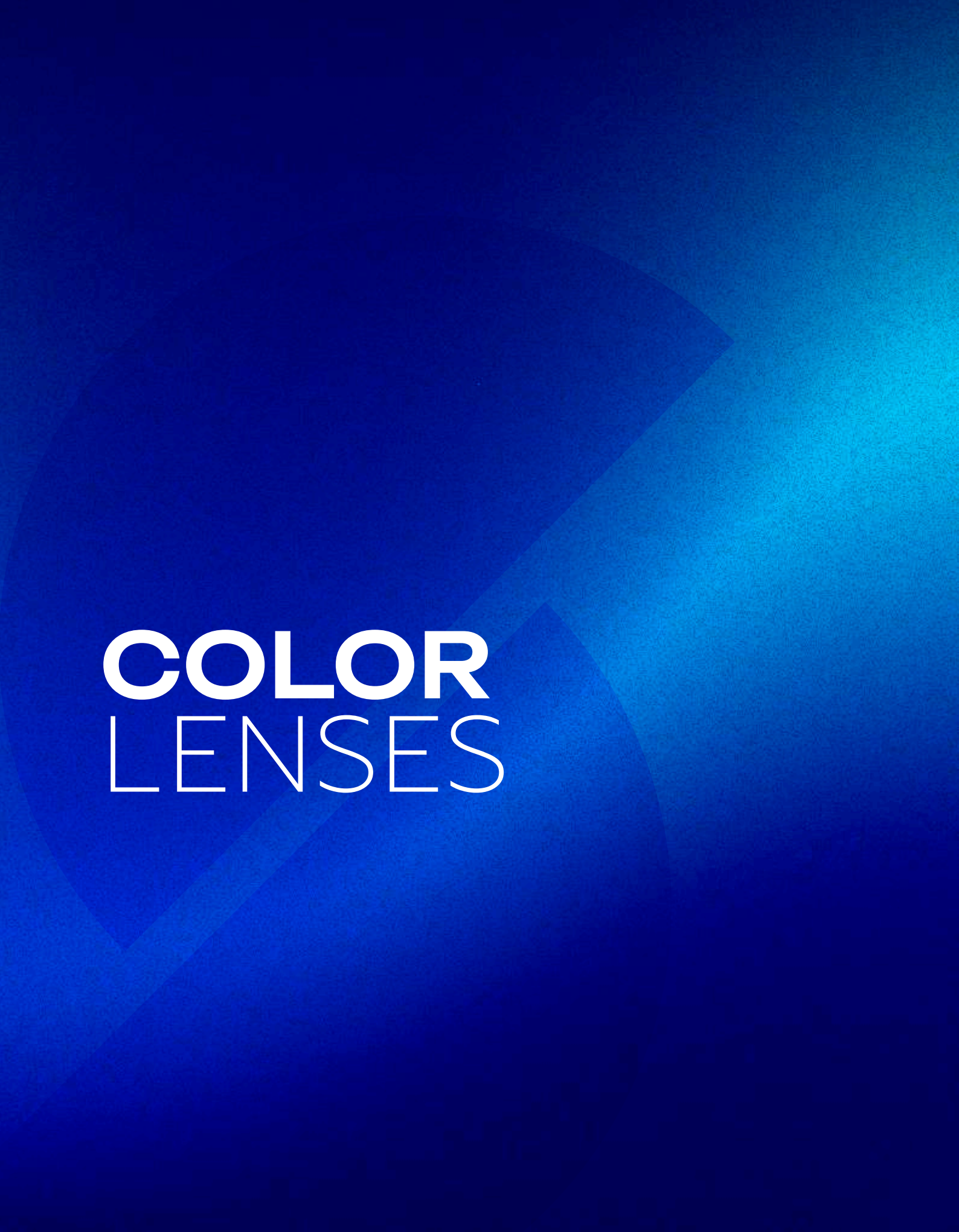
## Compatible Equipment

- Medmont Topographer
- ESP (Eaglet Eye Surface Profiler)
- ESP (Pentacam Oculus)



## Design

- The number of curves varies by lens, allowing a fully customized fit.
- Customizable optical zone and eccentricity, with full control over the treatment zone.
- Reverse curve, alignment and edge zones designed for correct reshaping and centration.
- **Meridian matching:** the curves of the two principal meridians are fitted to the corneal elevation.

The background is a deep blue gradient with several overlapping, semi-transparent geometric shapes, including a large circle and various triangles, creating a layered, architectural feel.

# COLOR LENSES



# PROSTHETIC & COLOR LENSES



A family of customizable soft lenses that combines cosmetic enhancement, sports use, photosensitivity management and prosthetic needs in a single tint system. Each color and pattern is custom-made on individual optical parameters, enabling both cosmetic and functional solutions for a wide variety of patients.

## TINTS FOR LIGHT EYES

### Enhancement Colors



Royal Blue



Aqua



Evergreen

## PROSTHETIC TINTS

### Dark Brown Iris



Walnut Brown - Honey Brown  
Walnut - Honey

### Black Pupils



### Brown Iris with Black Pupil



### Opaque Black Occluders



Solid



Annular

## SPECIAL PURPOSE TINTS

### Sport Tints



Amber



Yellow



Soccer

### X-Chrom



Red 7mm



Red 11mm

### Comfortint Lenses



### Achromatopsia Tints



- Tints for Photophobia
- FL-41 & Custom Matches Available
- Migraine Relief

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Sphere                | +20.00 to -20.00 in 0.25 diopter steps                                |
| Cylinder              | Up to -10.00 in 0.25 diopter steps                                    |
| Axis                  | From 1 to 180 in 0.25 diopter steps                                   |
| Material              | Hioxifilcon B 49% / Methafilcon A 55%                                 |
| Base Curve/Diameter   | 8.3/14.2 - 8.6/14.2 - 8.9/14.2                                        |
| Iris Design Diamaters | 10.0 - 10.5 - 11.0 - 11.5 - 12.0 mm                                   |
| Limbal Ring Diameter  | 11.0 - 12.0 mm                                                        |
| Clear Pupil Sizes     | 2.0 - 3.0 - 3.5 - 4.0 - 4.5 - 5.0 - 5.5 mm                            |
| Occluder Pupil Sizes  | 3.0 - 3.5 - 4.0 - 4.5 - 5.0 - 6.0 - 7.0 - 9.0 - 10.5 - 11.0 - 12.0 mm |

**bioColors™** are custom-made opaque lenses. With 22 opaque colors and two different iris patterns, patients can choose from a large number of color combinations. These lenses are available in custom spherical and toric prescriptions. bioColors™ prosthetic lenses are for patients with a wide variety of eye disorders and injuries. Our soft prosthetic lenses bring new hope in redefining discolored or misshapen pupils, amblyopia and other ocular anomalies.



## Indications

- Cosmetic redefinition of iris color.
- Prosthetic correction of discolored or misshapen pupils.
- Amblyopia and other ocular anomalies.
- Photophobia or dilated pupil (artificial pupil reduced).
- Custom spherical and toric prescriptions.



## Candidates

- Patients with eye disorders or injuries (irregular iris, corneal leukoma, coloboma).
- Patients seeking a cosmetic change of eye color.
- Any age\*.
- Eyes with no active pathology not previously evaluated.

*\*Provided handling and responsible use are adequate*

## Color Parameters

- |                                                                                                       |                                                                                                    |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 41  Aqua Enhancer  | 49  Evergreen   |
| 42  Blue Enhancer  | 50  Pistachio   |
| 43  Green Enhancer | 51  Stormy Gray |
| 44  Baby blue      | 52  Granite     |
| 45  Blue Gray      | 53  Honey       |
| 46  Caribbean      | 54  Chestnut    |
| 47  Turquoise      | 55  Pecan       |
| 48  Lavender       | 56  Dark Cocoa  |

## Underprint colors

- |                                                                                                |                                                                                                  |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|  U1 - Black |  U3 - Stormy  |
|  U2 - Pecan |  U4 - Granite |



## Parameters

|             |                                                  |
|-------------|--------------------------------------------------|
| Sphere:     | +20.00 to -20.00 (0.25 steps)                    |
| Cylinder:   | Hasta -10.00 (0.25 steps)                        |
| Axis:       | 1° a 180° (1° steps)                             |
| Diameter:   | 13.0 to 22.0 mm                                  |
| Base Curve: | 7.7 to 9.5 (0.1 steps)                           |
| Colors:     | 22 opaque shades (41-56) + 4 underprints (U1-U4) |



## Material

- **Material:** Polymacon 38%, Methafilcon 55%
- **Patterns:** Base Color, Iris, Pupil Starburst, Limbal Ring

## SERIES X

This color series contains twice as much pigment as the V series and offers greater coverage on darker irises. If a patient is looking for a more dramatic change in eye color, the X series is the best option. As more "layers" of color are added, the lens becomes more opaque.



## SERIES V

This color range is best suited to light-toned eyes or to darker eyes where a more subtle change in Underprint colors appearance is desired.





## Indications

- Fotofobia y sensibilidad a la luz.
- Migrañas y dolores de cabeza asociados a la luz.
- Fatiga visual digital por exposición a luz azul.
- Deficiencia en la percepción del color rojo/verde (con Red).
- Fotofobia extrema, incluyendo posterior a conmoción cerebral (Blue Blocker).



## Candidates

- Patients diagnosed with migraine, photophobia or glare.
- Patients with eye strain from prolonged screen exposure.
- Any age, with no active eye pathology.
- It is recommended to assess with the patient which lighting situations trigger sensitivity before choosing the tint.



## Parameters

|              |                     |
|--------------|---------------------|
| Base Curve:  | 8.6 mm              |
| Diameter:    | 14.3 mm             |
| Power:       | Flat (customizable) |
| Use:         | Daily               |
| Replacement: | Annual              |

*Red available only in Ø 10.5, 9.0, 7.0, 5.0, 4.0 and 3.0 mm.*



## Material

- **Material:** Polymacon 38%  
Methafilcon 55%
- **Tint:** Customizable edge to edge

## Colors



Lavender



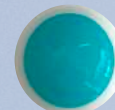
Migraine 55



Blue Blocker



Cobalt



Teal



Red



## Indications

- Improved contrast and visual acuity in sports activities.
- Reduced glare outdoors.
- Ball sports (baseball, softball, tennis, soccer), golf, skiing and water sports.



## Candidates

- Athletes and active patients with no pre-existing eye pathology.
- Spherical prescription within standard bioSport parameters.
- Patients with occasional sensitivity to glare outdoors.



## Parameters

|              |                     |
|--------------|---------------------|
| Base Curve:  | 8.6 mm              |
| Diameter:    | 14.3 mm             |
| Power:       | Flat (customizable) |
| Use:         | Daily               |
| Replacement: | Annual              |



## Material

- **Material:** Polymacon 38%  
Methafilcon 55%

## Colors



Amber



Green



Bolle Blue



Suntac



Gray Green



Yellow

# SPECTRUM color

SPECTRUM Color contact lenses offer wearers long-lasting comfort. Our lenses are made of the classic polymacon material, which remains widely recognized for its durable and reliable performance in all environments.

The advanced "in-toric" design reduces axis movement. The circular "zone" delivers superior visual correction during lens movement. The unlimited optical range of the toric lenses, cylinder and axis gives wearers an individualized "PRECISE FIT".



## SPECTRUM color<sup>Rx</sup>



### Parameters

|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| Base: Curve          | 8.6 mm                                                                                                |
| Diameter:            | 14.2 mm                                                                                               |
| Graphic color:       | Custom made                                                                                           |
| Power:               | 0.00 to $\pm 25.00D$<br>0.00 to $\pm 6.00D$ (0.25D steps)<br>$\pm 6.50$ to $\pm 25.00D$ (0.50D steps) |
| Cyl Power:           | -0.50 to -7.00D (0.25D steps)                                                                         |
| Axis:                | From 5° to 180° (5° steps)                                                                            |
| Axis marks:          | Three-line indicator at 6 o'clock                                                                     |
| Center Thickness:    | 0.130mm @ -3.00D                                                                                      |
| Dk/t @ -3.00D        | $7.51 \times 10^{-9} (cm/s)(mLO_2/ml.mmHg)$                                                           |
| Oxygen perm. Dk@35°C | $9.77 \times 10^{-11} (cm^2/s)(mLO_2/ml.mmHg)$                                                        |
| Pack                 | Vial: 1 lens                                                                                          |



### Material

- **Material:** Polymacon 62%
- **Water Content:** 38%



### Annual Replacement



### Parameters

|                   |                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------|
| Base Curve:       | 7.80 to 9.00 (0.10mm steps)                                                                           |
| Diameter:         | 13.70 a 14.60mm (0.10mm steps)                                                                        |
| Power:            | 0.00 to $\pm 25.00D$<br>0.00 to $\pm 6.00D$ (0.25D steps)<br>$\pm 6.50$ to $\pm 25.00D$ (0.25D steps) |
| Cyl Power:        | -0.50 to -7.00D (0.25D steps)                                                                         |
| Axis:             | From 5° to 180° (5° steps)                                                                            |
| Axis marks:       | Three-line indicator at 6 o'clock                                                                     |
| Center Thickness: | 0.080mm @ -3.00D (Spherical)<br>0.130mm @ -3.00D (Toric)                                              |
| Pack:             | Vial: 1 lens                                                                                          |



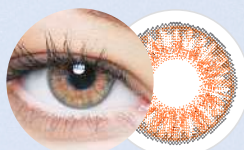
### Material

- **Material:** Polymacon 62%
- **Water Content:** 38%

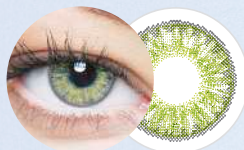


### Annual Replacement

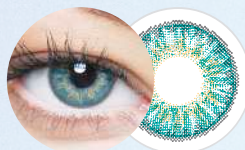
## 3-tone color lens



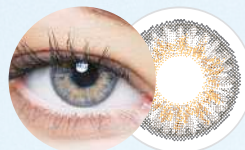
**Tangerine**  
(CL365N)



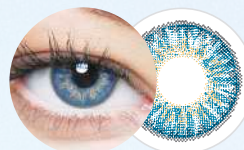
**Olive**  
(CL370N)



**Turquoise**  
(CL304N)



**Gray**  
(CL301N)



**Dusk Blue**  
(CL367N)



## Daily Replacement

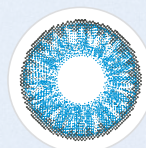
### Parameters

|             |                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base Curve: | 8.60                                                                                                                                                         |
| Diameter:   | 14.20mm                                                                                                                                                      |
| Power:      | <b>-10.00 to +6.00D</b><br>-0.50 to -6.00D (0.25D steps)<br>-6.50 to -10.00D (0.50D steps)<br>+0.50 to +4.00D (0.25D steps)<br>+4.50 to +6.00D (0.50D steps) |
| Pack:       | 10 lenses                                                                                                                                                    |

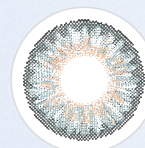
### Material

- **Material:** Hioxifilcon A
- **Water Content:** 58%

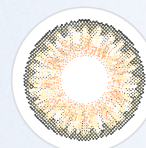
### Colors



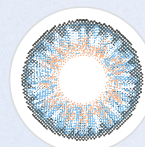
**Light Blue**  
(CL240)



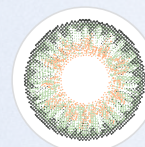
**Gray**  
(FL331)



**Hazel**  
(FL332)



**Blue**  
(FL333)



**Green**  
(FL334)

## Monthly Replacement

### Parameters

|             |                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|
| Base Curve: | 8.60                                                                                                                        |
| Diameter:   | 14.20mm                                                                                                                     |
| Power:      | <b>-10.00 to +6.00D</b><br>-0.00 to -6.00D (0.25D steps)<br>-6.50 to -10.00D (0.50D steps)<br>+0.50 to +6.00D (0.50D steps) |
| Pack:       | 2 lenses                                                                                                                    |

### Material

- **Material:** Polymacon
- **Water Content:** 38%

### Colors

#### 1 tone



**Light Blue**  
(CL134N)



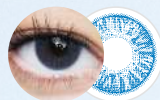
**Brown**  
(CL135N)



**Green**  
(CL136N)



**Violet**  
(CL137N)



**Aqua Blue**  
(CL138N)



**Gray**  
(CL139N)

#### 3 tones



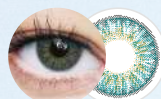
**Gray**  
(CL301N)



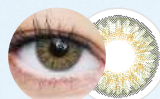
**Brown**  
(CL302N)



**Violet**  
(CL303N)



**Turquoise**  
(CL304N)



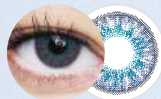
**Green**  
(CL305N)



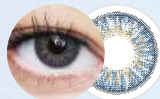
**Marigold**  
(CL364N)



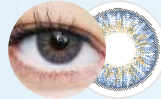
**Tangerine**  
(CL365N)



**Emerald**  
(CL366N)



**Dusk Blue**  
(CL367N)



**Serenity**  
(CL368N)



**Cloud**  
(CL369N)



**Olive**  
(CL370N)



## Monthly Replacement

### Parameters

|             |                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base Curve: | 8.60                                                                                                                                                        |
| Diameter:   | 14.20mm                                                                                                                                                     |
| Power:      | <b>-10.00 to +6.00D</b><br>0.00 to -6.00D (0.25D steps)<br>-6.50 to -10.00D (0.50D steps)<br>+0.25 to +4.00D (0.25D steps)<br>+4.50 to +6.00D (0.50D steps) |
| Pack:       | 2 lenses                                                                                                                                                    |

### Material

- **Material:** Methafilcon A
- **Water Content:** 55%

### Colors



**Tangerine**  
(FL301N)



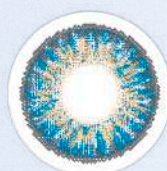
**Violet**  
(FL302N)



**Emerald**  
(FL303N)



**Turquoise**  
(FL304N)



**Dusk Blue**  
(FL305N)



**Brown**  
(FL306N)



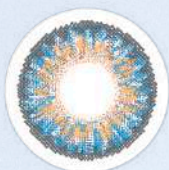
**Gray**  
(FL307N)



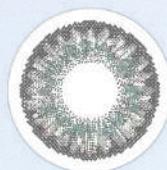
**Green**  
(FL308N)



**Marigold**  
(FL309N)



**Serenity**  
(FL310N)



**Cloud**  
(FL311N)



**Olive**  
(FL312N)



# SPECTRUM color

## HALLOWEEN

 **Daily Replacement**

### Parameters

|             |                                                 |
|-------------|-------------------------------------------------|
| Base Curve: | 8.60                                            |
| Diameter:   | 14.20mm                                         |
| Power:      | 0.00 to -6.00D<br>-0.50 to -6.00D (0.25D steps) |
| Pack:       | 2 lenses                                        |

### Material

- **Material:** Polymacon A
- **Water Content:** 38%



**Black Out**  
(FN101N)



**Red Vampire**  
(FN102N)



**White Out**  
(FN103N)



**Angelic White**  
(FN104N)



**Blue Walker**  
(FN105N)



**Zombie Yellow**  
(FN106N)

# SPECTRUM color

## HALLOWEEN

 **Monthly Replacement**

### Parameters

|             |          |
|-------------|----------|
| Base Curve: | 8.60     |
| Diameter:   | 14.50mm  |
| Power:      | 0.00     |
| Pack:       | 2 lenses |

### Material

- **Material:** Polymacon A
- **Water Content:** 38%



**Angelic Blue**  
(FN002N)



**Angelic Red**  
(FN004N)



**Black out**  
(FN009N)



**Green Reptile**  
(FN023N)



**Blue Cat**  
(FN012N)



**Red Vampire**  
(FN044N)





Manson  
(FN032N)



Lestat  
(FN030N)



Gaara  
(FN047N)



RedCat  
(FN042N)



Reaper  
(FN041N)



Target  
(FN059N)



Shiva  
(FN061N)



Spider Web  
(FN053N)



Yellow Cat  
(FN069N)



White Out  
(FN067N)



Temptress(Pink)  
(FN060N)



Zombie Red  
(FN072N)



Zombie Green  
(FN071N)



White Cat  
(FN066N)



Red Wolf  
(FN046)



Diameter 14.50 mm



Angelic Yellow  
(FN005)



Angelic Green  
(FN003)



Froggy  
(FN019)



Green Ghoul  
(FN022)



Hellraiser  
(FN027)



Zombie Blue  
(FN070)



The background is a deep blue gradient. It features several overlapping, semi-transparent geometric shapes, including a large circle on the left and a large triangle on the right, creating a layered, architectural feel.

# SUPPLIES



## OTÉ SENSATION *All-in-one Solution*



### Indications

Cleans, disinfects, removes protein deposits, and is used for inserting, storing, rinsing and wetting soft contact lenses. The solution, with an active ingredient that removes lipids, proteins and mucin, has excellent dual antibacterial action and, with added hyaluronate, is especially suitable for sensitive eyes.



### Presentation

- 100 ml Pack + lens case
- 360 ml Pack + lens case



### Composition

PHMB, Polyquaternium, Hyaluronate, EDTA, NaCl, Poloxamer, Borax, Boric Acid, Purified Water



## OTÉ FINE *All-in-one Solution*



### Indications

Premium all-in-one solution for cleaning, disinfecting, storing and wearing RGP contact lenses, with excellent antibacterial action and deep cleaning properties.



### Presentation

- 100 ml Pack + lens case
- 200 ml Pack + lens case



### Composition

PHMB, HPMC, EDTA, NaCl, Polysorbate, Borax, Boric acid, purified water.



## VITAMIN *Eye drops*



### Indications

Eye drops with 2% Provitamin B5 and HPMC. Soothes and hydrates irritated, dry eyes. Also suitable for contact lens wearers.



### Presentation

- 15 ml bottle



### Composition

2% Provitamin B5, HPMC, PHMB, NaCl, EDTA, phosphate buffer, purified water.



## ESSENTIAL *Eye drops*



### Indications

Preservative-free eye drops with 0.2% Hyaluronate. Provides greater comfort and lubrication in cases of mild eye irritation and dry eye. Suitable for contact lens wearers.



### Presentation

- Envasé de 10 ml



### Composition

0.2% Hyaluronate, NaCl, EDTA, phosphate buffer, purified water.



## NATURAL *Eye drops*



### Indications

Preservative-free eye drops with 0.1% Hyaluronate. For comfort and lubrication in cases of mild eye irritation. Suitable for contact lens wearers.



### Presentation

- 10 ml bottle



### Composition

0.1% Hyaluronate, NaCl, EDTA, phosphate buffer, purified water.





## SPECTRUM SALINE *Saline Solution*



### Indications

Sterile, isotonic, buffered, preservative-free single-dose solution that works by mechanical rinsing, making it especially suitable for people with sensitive eyes. Used to rinse, hydrate and store scleral, soft and rigid gas permeable lenses.



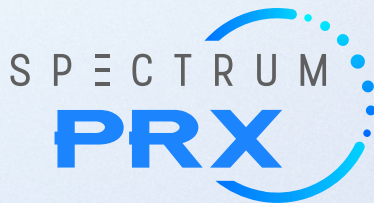
### Presentation

- Box of 100 single-dose
- vials of 5ml each.



### Composition

Sterile, isotonic aqueous solution of Sodium Chloride, Boric Acid, Sodium Borate and Disodium Edetate.



## SPECTRUM PRX *Peroxide Cleaner*



### Indications

One-step peroxide system with color indicator for cleaning all types of contact lenses: conventional, scleral, disposable, silicone hydrogel, Ortho-K and RGP.



### Presentation

- 360 ml bottle + 36 tablets
- + 1 Lens case.
- 60 ml bottle + 6 tablets
- + 1 Lens case



### Composition

Disinfecting solution: 3.0% hydrogen peroxide, monosodium phosphate and disodium edetate in purified water.

Neutralizing tablet: Sodium chloride, disodium phosphate, polyvinylpyrrolidone, vitamin B2 0.075 mg and catalase 0.1 mg.





FLUORESCIN SODIUM OPHTHALMIC STRIPS USP

**i-GLO**

Sterile Ophthalmic Strips

## i-GLO Fluorescein Strips

Fluorescein sodium ophthalmic strips. Each strip is impregnated with 1mg of fluorescein.



### Indications

Detection of corneal epithelial lesions, search for foreign bodies, diagnosis and treatment of tear dysfunctions.



### Packaging

Box of 100 strips



HIGH MOLECULAR FLUORESCIN STRIPS

**i-GLO+**

Sterile Ophthalmic Strips

## i-GLO Fluorescein Strips

High molecular weight fluorescein



### Indications

Assessment of disposable or specialty soft lens fittings.



### Packaging

Box of 100 strips



STERILE DIAGNOSTIC SCHIRMERS TEAR STRIPS

**SPECTRUM Schirmers**

Sterile Ophthalmic Strips

## Schirmers Schirmer Test Strips

Sterile individual strips for measuring tear flow using the Schirmer Test



### Indications

Schirmer test for the diagnosis of dry eye or any alteration in the quantity of the tear film.



### Packaging

Box of 100 strips



LISSAMINE GREEN STERILE OPHTHALMIC STRIPS

**SPECTRUM Lissamine**

Sterile Ophthalmic Strips

## Lissamine Tiras de Verde Lisamina

Dye that produces vital staining, allowing early detection of areas with changes in the structure of the cell walls across the entire ocular surface.



### Indications

Very useful for diagnosing the different types of tear dysfunction, showing the degree of involvement, progression and effectiveness of treatment. Essential in the contact lens fitting process, as it makes it quick and easy to identify the lens bearing area that causes intolerance.



### Packaging

Box of 100 strips





## DMV Ultra *Removal*

**Insertion:**  
Not indicated for insertion.

**Removal:**  
Corneal lenses  
GP lenses

**Format:**  
1 unit



## DMV Scleral Cup *Insertion*

**Insertion:**  
Scleral lenses  
Corneo-scleral lenses  
Hybrid lenses

**Removal:**  
Not indicated for removal

**Format:**  
1 unit



## DMV Versa *Insertion and Removal*

**Insertion:**  
Scleral lenses

**Removal:**  
Scleral lenses

**Format:**  
1 unit



## DMV Scleral Stand *Insertion*

The *DMV Scleral Stand* is used for inserting scleral lenses. Its simple design offers an easy, hands-free insertion option. Looking down through the scleral stand, the wearer can use a white background to create a reference point that helps position the lens. Since the base of the stand absorbs light, the wearer can also use a flashlight to create an illuminated reference point to serve as a guide during insertion.

Each Scleral Stand includes a cut DMV scleral cup.





## Easy Wear Contact Lenses *Insertion*

This innovative device makes it easy to apply large-diameter contact lenses: Scleral - Hybrid - RGP - Soft. Thanks to its base, both hands are free to stabilize the eyelids, mitigating the natural urge to close them and thus enabling precise, comfortable insertion of the lens on the eye with maximum safety. The device stabilizes the lens holder through the suction cup, ensuring the concave side of the contact lens is filled precisely with solution.

It includes an LED light that shines a beam through the holder and the suction cup, providing glare-free illumination that makes it easier to align the eye with the center of the lens during the application process.



*Demo Video*

## Lens Base *Insertion*

**LensBase** is a patented, FDA-registered medical device designed to enable clean, comfortable and portable insertion of scleral, hybrid and contact lenses. It holds the lens at eye level, leaving both hands free to hold and control the eyelids and eyelashes during application. It includes a base or lower tray that catches excess saline solution to prevent spills.



## Scleral Lens Case *Storage and disinfection*

This case is designed to safely store, clean and disinfect your contact lenses. Each lens is placed in its own perforated basket (right and left), which holds it gently and prevents it from folding, getting scratched or being mixed up with the other. The basket is then immersed in the cup with the solution recommended by your specialist and closed with its airtight lid. The perforations allow the solution to circulate around the entire surface of the lens while it remains protected.



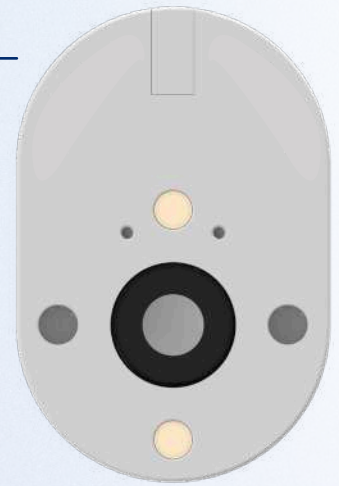
This leaves your lenses ready, clean and hydrated for their next use.

# **EQUIPMENT AND INSTRUMENTS**



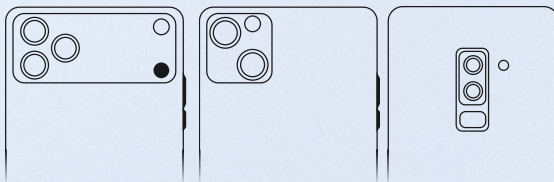
# Spectrum Adaptor

**Spectrum Adaptor** provides a high-resolution 10x lens and a harmless LED light source to illuminate the anterior segment of the eye. It can be easily attached to most smartphone models and capture images or videos of the anterior segment of the eye by switching between different LED lights. Spectrum Adaptor is used in photo documentation to obtain pathological images of the cornea.



*Assess fluorograms  
and perform eye exams from  
the palm of your hand.*

**Works with any smartphone**



## Clinical Applicationst



General eye check



Fluorogram  
Assessment



Urgent  
care



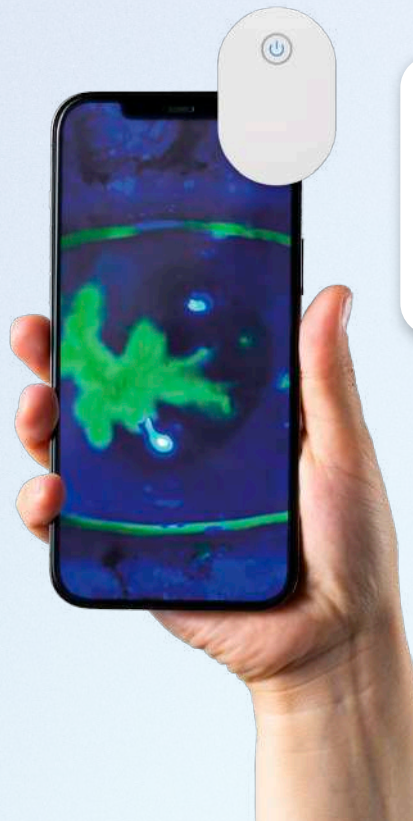
Elderly  
patient Check



Immobile  
patient check



Children  
patient check



*Demo Video*

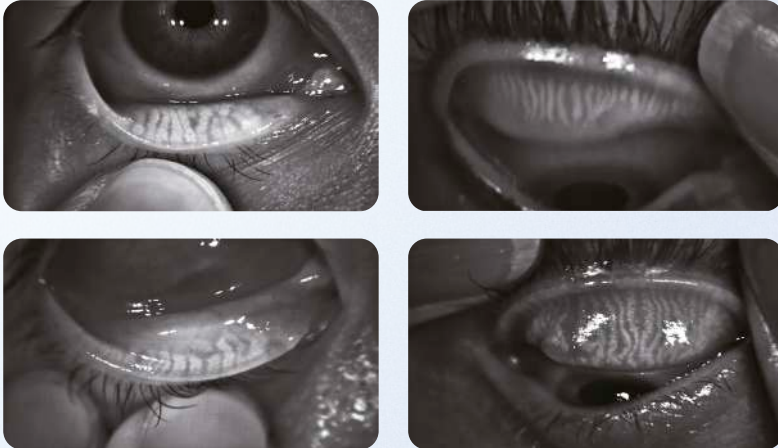


# Spectrum Meibographer

**Spectrum Meibographer** is developed to offer a high-quality Meibomian gland imaging solution. Its compact design allows practitioners to take it anywhere and conveniently check the condition of the patient's Meibomian glands.



## High-Quality Meibomian Imaging



*Demo Video*

**Spectrum Meibographer** Spectrum Meibographer uses advanced Wi-Fi technology to wirelessly transfer live video streams to a smartphone app. Users can easily preview and capture images of the Meibomian glands in the VisuDoc™ app.



## Application Sites



Optical Store



Eye Care Specialists



Clinic



Home visit



Community health center



Mobile eye care bus



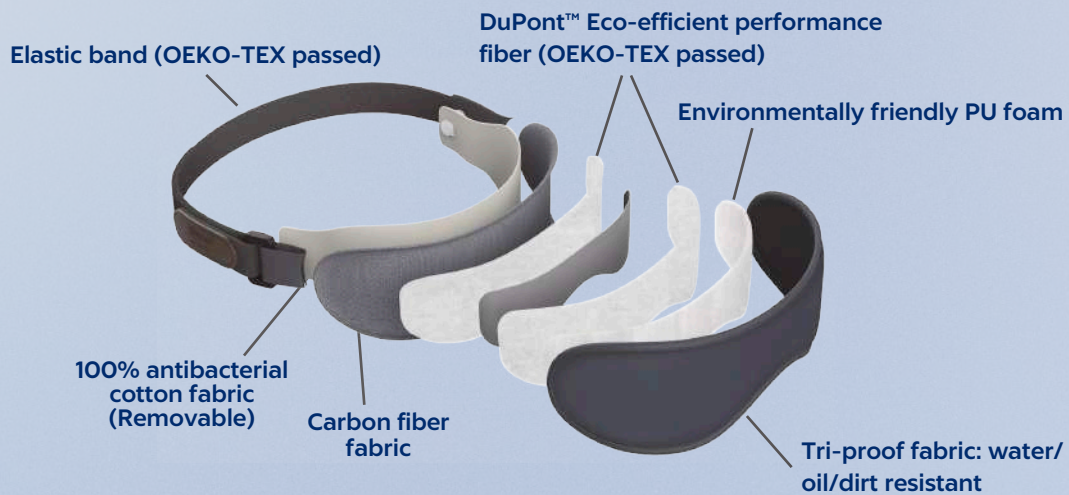
# Spectrum Eye Mask

**Spectrum Eye Mask** is a smart eye mask designed to provide thermal comfort to the eyes. It works by connecting the eye mask to a power bank, computer or any other power source. It can relieve eye fatigue and discomfort caused by dry eye or other eye problems. It can also speed up blood circulation around the eye to improve dark circles. The eye mask has a removable sheet so that users can clean it and maintain hygiene. The cover is machine washable and can be dried.



## High-quality material in every layer

Each layer of the eye mask is made of high-quality materials to ensure a comfortable and safe wearing experience.



- 39°C
- 41°C
- 44°C

Spectrum Eye Mask provides 3 optional heating temperatures to meet different comfort needs. The heating time is 10 minutes for each option. When the 10 minutes of SPA heating are over, it switches off automatically.



Adjustable Temperature



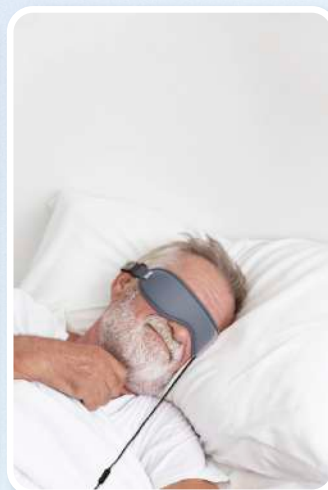
Nasal Arch Fit



Machine Washable



Auto Switch off





# medmont™ E300

*When precision matters*

The **Medmont E300** Corneal Topographer offers extreme precision for corneal mapping. With applications in Ortho-K, keratoconus, contact lens fitting, corneal grafts, PRK and LASIK, it lets you store and access the patient's complete corneal history quickly and efficiently..

**32**  
Placido rings

**9.600**  
Placido rings

**2  $\mu$ m**  
Accuracy (std. deviation)

## KEY FEATURES

- 1 Larger capture area**  
Limbus-to-limbus coverage, greater than any other Placido ring topographer on the market.
- 2 Gold standard accuracy**  
Standard deviation of 2  $\mu$ m, the benchmark for fitting specialty contact lenses.
- 3 Tear film analysis**  
Tear film surface quality algorithm that analyzes tear break-up.
- 4 Lens databas**  
Contact lens and Orthokeratology designs included and expandable.

## INCLUDES

- ✓ Smart assistance for fast, accurate image capture
- ✓ Superior topographic image analysis
- ✓ Precise resolution across the entire coverage area
- ✓ Immediate access to results and communication with practice management systems
- ✓ Greater coverage than any other topographer
- ✓ Tear film surface quality analysis (still image and video)
- ✓ Map display: tangential, axial, height, elevation, refractive power, ray error and wavefront
- ✓ Lens fitting: multicurve, aspheric, keratoconus, scleral and custom designs
- ✓ Shape descriptors: astigmatism, E, P, Q, e2 values
- ✓ SAI, SRI global indices and I-S value
- ✓ Regression analysis with subtractive maps of Ortho-K
- ✓ Compatible with Inter/Intranet networks, EMR/EHR interface, DICOM and USB
- ✓ Pupil, iris and HVID measurement



# medmont meridia™ Classic

*Benchmark topography, with the proven accuracy of the E300.*

**Meridia Classic** offers benchmark topography with up to more than 11 mm of corneal data in a single capture. The maps show the anterior eye in HD color and support a high first-fit success rate.

**11 mm**

Standard coverage

**32 rings**

Measurement rings

**0,1 D**

Repeatability

## KEY FEATURES

**1**

### E300 legacy, enhanced

The same proven, class-leading topography, with a larger color field of view.

**2**

### Wide corneal coverage

From 0.25 to 11 mm in standard mode, and limbus to limbus with TCC (composite).

**3**

### Faster workflow

Five quick keys on the instrument and guided software with Medmont Studio 7.

**4**

### Ready to grow

Includes scleral lens simulation and horizontal visible iris diameter.

## More clarity, comfort and confidence

Complete patient information from diagnosis onward and an intuitive interface that improves your team's experience.

## INCLUDES

- ✓ Topography with a larger field of view.
- ✓ Focus with optimized depth of field.
- ✓ High-resolution digital color images.
- ✓ Horizontal visible iris diameter detection.
- ✓ Scleral lens simulation.
- ✓ Enhanced experience with Medmont Studio 7.
- ✓ Ergonomic quick keys on the instrument.
- ✓ Secure storage of the calibration ball.
- ✓ Improved, faster interface connections.



# medmont meridia™ Pro

*Advanced dry eye analysis and  
HD anterior segment imaging.*

**Meridia Pro** builds on the Classic model and adds high-definition color imaging and video, advanced dry eye analysis and visually appealing patient reports.

**26 mm**

Anterior and  
meibomian field

**20 mm**

Fluorescein field

**102.000**

Data points analyzed

## KEY FEATURES

**1**

### Everything in the Classic

Benchmark topography with an extended field of view, HD color and ergonomic quick keys.

**2**

### Advanced dry eye analysis

Meibography, fluorescein imaging and video, and tear meniscus height measurement.

**3**

### High-definition anterior segment

Anterior imaging and video with a field of up to 26 mm.

**4**

### Scales and patient reports

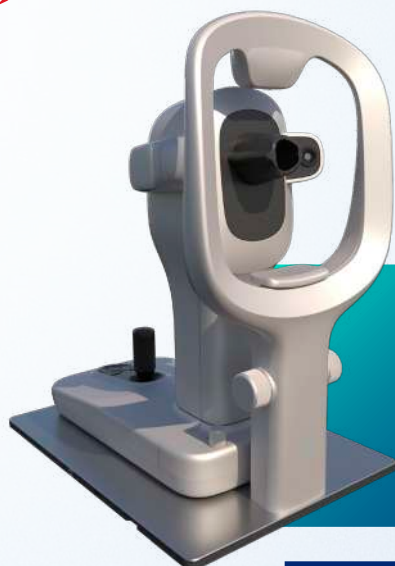
Proven grading scales (EFRON, BHVI, Meiboscale) and reports that support the consultation.

## More patient engagement

Collaborative visualizations and detailed reports that improve communication, compliance and follow-up visits.

## INCLUDES

- ✓ Corneal topography with a larger field of view.
- ✓ Focus with optimized depth of field.
- ✓ High-resolution digital color images.
- ✓ Horizontal visible iris diameter detection.
- ✓ Scleral lens simulation.
- ✓ Medmont Studio 7.
- ✓ Ergonomic quick keys on the instrument.
- ✓ Secure storage of the calibration ball.
- ✓ Improved, faster interface connections.
- ✓ Anterior segment imaging and video.
- ✓ Meibomian gland imaging.
- ✓ Fluorescein imaging and video.
- ✓ Tear meniscus height.
- ✓ Scotopic and photopic pupil.
- ✓ Focus guidance aid.
- ✓ EFRON, BHVI and Meiboscale scales.
- ✓ Dry eye screening reports.



# medmont meridia™ Vantage

*The complete package for specialty lens care.*

Everything Meridia Pro offers, plus scleral topography and a modern, ergonomic design. Simplify fitting, gain confidence in every case and set your practice apart with a single device.

**20×18,5mm**  
Scleral capture

**3 lights**  
Infrared, white and cobalt

**1 Device**  
Complete specialty lens care

## KEY FEATURES

**1**

### Corneal and scleral topography

Captures up to 20 × 18.5 mm with maps that extend to the visible sclera.

**2**

### Scleral lens simulation

Reduces trial and error with safer decisions for you and your patients.

**3**

### HD imaging and dry eye analysis

Sharp photos and video with infrared, white and cobalt blue light; meibography, fluorescein and tear meniscus.

**4**

### Single-operator ergonomics

Compact, refined design with direct access to the patient's eyelids.

## Design lenses your way

Send the maps to your lab or design them in-house with Medmont software or third-party platforms.

## INCLUDES

- ✓ Corneal topography
- ✓ Scleral topography (20 mm × 18.5 mm)
- ✓ Optimized depth-of-field focus
- ✓ High-resolution digital color images
- ✓ Horizontal visible iris diameter measurement
- ✓ Scleral lens simulation
- ✓ Quick keys on the instrument
- ✓ Anterior imaging and video
- ✓ Meibomian gland imaging
- ✓ Fluorescein imaging and video
- ✓ Tear meniscus height measurement
- ✓ Focus guidance
- ✓ Universal image grading scales
- ✓ Dry eye screening reports
- ✓ Refined ergonomics
- ✓ Modern aesthetics
- ✓ Built-in calibration object



# medmont M700™ Perimeter

The Medmont **t** automated perimeter gives practitioners an effective tool for assessing visual fields. With Fast Thresholding capabilities that improve patient comfort, perimetry is now more efficient for disease monitoring and assessment.

**160°**

Field coverage

**3 min**

Central test per eye

**21**

Field tests available

## KEY FEATURES

**1**

### Video fixation monitor

Eye tracking with video fixation and automatic iris tracking throughout the test.

**2**

### Fast threshold without losing accuracy

Central field test in just 3 minutes per eye thanks to advanced predictive algorithms.

**3**

### Full field coverage

Up to 160° of visual field, with adaptable point density and tests that explore peripheral defects

**4**

### Progression and regression analysis

Compare results over time with global indices, histograms and a 3D HoV display.

## INCLUDES

- ✓ Fast test times
- ✓ Full field coverage (160°)
- ✓ Advanced fast threshold strategy with Bayesian techniques
- ✓ Flicker test with early detection of field loss
- ✓ Reliability indicators: false positives, false negatives and fixation losses
- ✓ Automatic fixation tracking and video
- ✓ Glaucoma progression and pattern defect (PD) and overall defect (OD) indices
- ✓ Cluster analysis index and regression analysis by localized areas
- ✓ Display options: grayscale, numeric data, age-normal deviation
- ✓ Customizable page layout and multi-print (5 results per page)
- ✓ Multiple stations connected to a central database
- ✓ EMR/EHR interface, DICOM and USB
- ✓ Unique tests: binocular driving, blink and diplopia



# Eye Surface Profiler (ESP)

The **Eye Surface Profiler (ESP)** offers corneal and scleral profilometry with unprecedented accuracy, helping to find the perfect initial lens faster.

## CORNEAL TOPOGRAPHY

- Corneal asymmetry is a poor predictor of the need to fit a scleral lens with toric peripheral geometry on irregular corneas.
- The sclera is asymmetric: there is a significant difference between the opposite angles of the corneo-scleral junction, greater in the horizontal meridian than in the vertical.
- Horizontal lens decentration is associated with nasal-temporal asymmetry in scleral elevation.

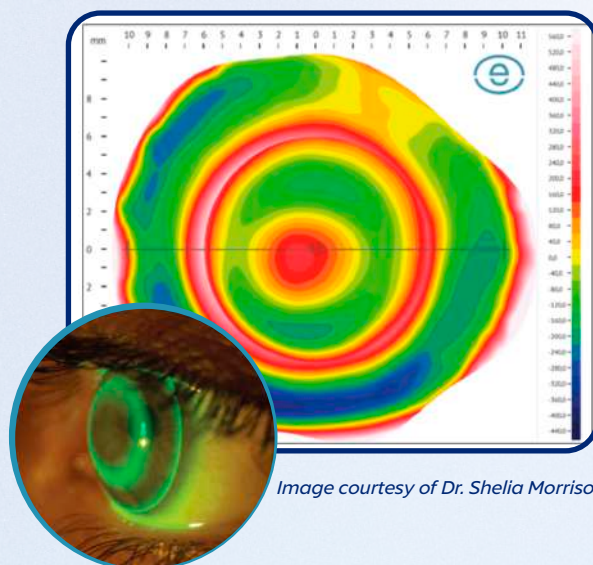


*Image courtesy of Dr. Shelia Morrison*

## Technical specifications

|                     |                                                    |
|---------------------|----------------------------------------------------|
| <b>Camera:</b>      | 1 CMOS IDS                                         |
| <b>Projectors:</b>  | 2                                                  |
| <b>Date:</b>        | 500.000 measurement points                         |
| <b>Scans:</b>       | Up to 20mm diameter                                |
| <b>Measurement:</b> | Fast, single-shot, no extrapolation or stitching   |
| <b>Accuracy:</b>    | Cornea: 2 $\mu$ / Sclera: 10 $\mu$                 |
| <b>Software:</b>    | 14 maps, 2 calculators and more than 18 parameters |

- Single-image measurement process, with no extrapolation.
- Fast return on investment in just a few months.
- Built-in algorithms for more than 40 lenses.
- All types of specialty contact lenses.

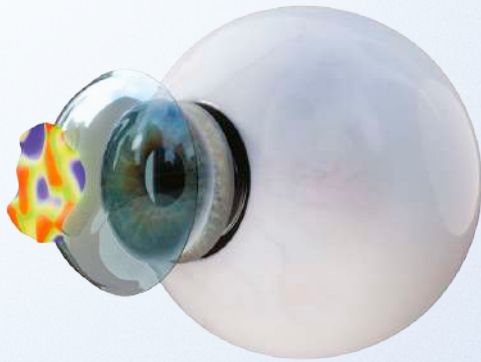
The ESP measures sagittal height, which serves as a guide for fitting and for the vault of the lens over the cornea, and also helps determine the level of scleral toricity. The software also suggests the best customized initial lens for each patient.



# OVITZ<sup>®</sup>

## OVITZ Aberrometer

The **Ovitz xwave** aberrometer detects and measures higher-order aberrations (HOA) at any point along the path of light through the eye, not just on the corneal surface. Together with Ovitz's proprietary optical design algorithm, it makes it possible to create customized scleral lenses that reduce the patient's total HOA by up to half on average



**1°** Aberrometry system optimized to correct HOA

**13+** Compatible lens platforms

**4 steps**  
Measure, analyze, design and manufacture

- 1 Complete ocular measurement**  
It doesn't just measure the cornea: it detects aberrations anywhere along the optical path, inside and outside the eye.
- 2 Correction on the exact axis**  
Submicron precision: sub-millimeter differences can worsen vision, and the xwave corrects on the precise axis.
- 3 Proprietary design algorithm**  
Converts the measured HOA data into a customized optical design, reducing the patient's total HOA by up to half on average.
- 4 4-step workflow**  
Measurement, analysis, design and manufacturing in a closed-loop system, with results in minutes.

### INCLUDES

- ✓ Wavefront maps showing the refractive properties across the entire pupil
- ✓ Zernike charts detailing the composition of each aberration
- ✓ Modulation Transfer Function (MTF) analysis by spatial frequency
- ✓ Point Spread Function (PSF) and vision simulation
- ✓ Pupil size analysis under different lighting conditions
- ✓ Valuable data for the diagnosis of cataract and dry eye
- ✓ Customized HOA optical design transmitted directly to the lab
- ✓ Compatible with more than 13 lens platforms: Europa, BostonSight/PROSE, EyeprintPro, EyeFitPro, Maxim 3D, SmartLens Pro, iShape, among others
- ✓ Integration with the FocalPoints specialty lens ecosystem through enVisus technology
- ✓ Monthly subscription model, with no financing costs or long-term commitments



# Contact Us



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