

The background of the entire page is a solid purple color. Overlaid on this background is a stylized, 3D illustration of a cataract. The cataract is depicted as a series of curved, overlapping bands of varying shades of purple and white, creating a sense of depth and movement. The top part of the cataract is a large, rounded shape, while the bottom part is a more elongated, curved shape. The overall effect is a modern, artistic representation of a cataract.

ophtec

Horizon. Pure Balance.

Meet the Horizon Family:
To help you balance your daily cataract routine.



Pure Balance

In performance, simplicity, and trust

Modern cataract surgery is more demanding than ever. More patients. Less time. Higher expectations. And still, one decision defines everything. IOL choice shapes your outcomes, your efficiency, and your confidence. Meet our Horizon Family: a reliable range of cataract IOLs designed to deliver the perfect balance of performance, simplicity, and trust.

Pure balance in your daily cataract routine

Horizon brings together all essential elements into one harmonized design, delivering quality, safety, and efficiency across both outcomes and workflow. Each lens is developed to perform consistently while keeping procedures smooth and predictable. For surgical confidence, long-term safety and satisfied patients, day after day.



Meet the family

We develop best-in-class IOLs for your daily cataract surgery routine. The Horizon Family is a high-performance line of reliable lenses with an integrated design. Designed to deliver consistent and predictable outcomes with a smooth, streamlined workflow. With a true performance based on balance.

Monofocal vision

Horizon Monofocal



Enhanced intermediate vision

Horizon Go



Horizon Go Toric



Expected end 2026

Pure Balance In every detail

Horizon is built around a simple principle: true performance comes from balance. Every element is carefully engineered to work in harmony, from design and materials to surgical handling and long-term outcomes.

Nothing stands alone; each feature contributes to a consistent, reliable experience for both surgeon and patient. The result is a lens platform that delivers quality, safety, efficiency, and stability—all working together to support your daily cataract surgery.

Balance in design

Horizon integrates optic design, material properties, and mechanical features into one high-performing system.

- ✓ Ultrathin hydrophobic IOL
- ✓ Optimized balance in refractive index and Abbe N°
- ✓ Modified L-shaped haptic
- ✓ Matting-treated haptics and optic edge
- ✓ Best-in-class optics

Balance in workflow

Efficiency and control at every step of the procedure.

- ✓ Fully preloaded injector system
- ✓ One injector fits all
- ✓ Smooth implantation
- ✓ Excellent delivery and unfolding control
- ✓ Easy handling and streamlined setup

Balance in safety

Designed to support safe procedures and minimize postoperative complications.

- ✓ Optimized geometry for effective PCO prevention
- ✓ No glistenings
- ✓ Small incisions ~ 2.2mm
- ✓ Minimal manipulation
- ✓ Low risk of follow-up interventions

Balance in outcomes

Consistent and predictable results through visual quality and long-term stability.

- ✓ High-quality visual performance
- ✓ Precise long-term stability
- ✓ Excellent centration
- ✓ No dysphotopsias
- ✓ High patient satisfaction





Monofocal vision Horizon Monofocal



Created to correct aphakia and deliver outstanding distance vision, Horizon Monofocal is designed for patients who value visual quality and long-term stability. With its robust ultrathin design, this hydrophobic acrylic IOL offers the right balance between patient safety, surgical efficiency and consistent monofocal performance.

Monofocal hydrophobic acrylic IOL with a robust ultrathin design for correcting aphakia.

- ✓ Modified L-Loop haptic with matting treatment for maximum stability
- ✓ Optimized Abbe N° for optimal visual quality
- ✓ Aspheric optics

Optic powers (0.5 increments):
0.0 D to +34.0 D



Discover all
specs and
publications

Go for more

More intermediate.

Zero compromise

At Ophtec, we are driven by perfection. Today's patients expect more—clear distance vision and strong intermediate performance for modern lifestyle demands. Horizon Go is designed to meet these expectations. With an ingenious diopter profile, it delivers excellent distance vision with enhanced intermediate clarity, without compromising visual quality. The result: excellent performance and greater patient satisfaction.

- ✓ Purely refractive design
- ✓ Modified high-order aspheric optics
- ✓ Aberration-free central zone
- ✓ No visual artifacts



Find out more
about the Go
optic

Modified high-order aberrations aspheric optics with combination of three distinct areas of aberrations:

1. **Distance vision.** Central base power free of aberrations provides excellent distance vision with no compromise.
2. **Intermediate vision.** Controlled amount of positive spherical aberration for intermediate vision.
3. **Quality control.** Slight negative spherical aberration to enhance quality of vision.

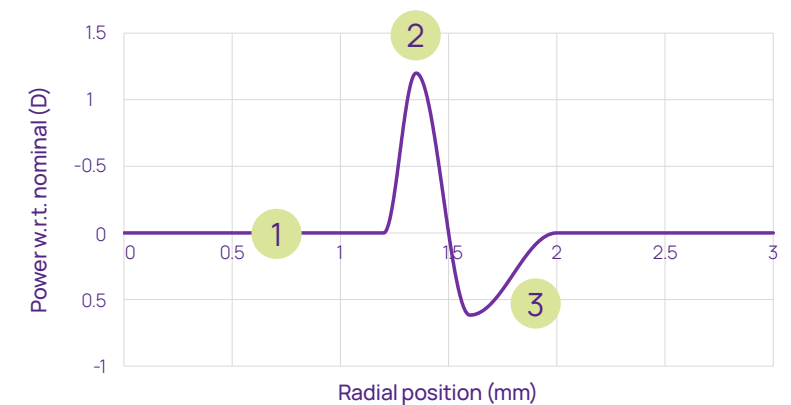


Figure 1. Power profile Go optics.



Body Ø 6.0 mm
Overall Ø 13 mm

Enhanced intermediate vision
Horizon Go



Give your patients natural vision at far and enhanced intermediate vision, while maintaining excellent visual quality. A robust ultrathin hydrophobic IOL with a smooth refractive design - delivering excellent visual outcomes without the complexity of extra-surgery or chair time.

Horizon Go is a hydrophobic acrylic IOL to enhance intermediate vision.

- ✓ Ingenious diopter profile
- ✓ No compromise in distance vision
- ✓ No visual artifacts
- ✓ Affordable solution for broad range of patients

Optic powers (0.5 increments):
0.0 D to +34.0 D



Discover all
specs and
publications

TCT

Horizon Go Toric



All advantages of Horizon Go, for your patients with astigmatism. This toric IOL is designed with patented TCT technology: an aspherical cylinder, offering proven tolerance for IOL misalignment and rotation.

- ✓ Pupil independence
- ✓ Tolerant to misalignment
- ✓ Proven stability
- ✓ Aspherical cylinder

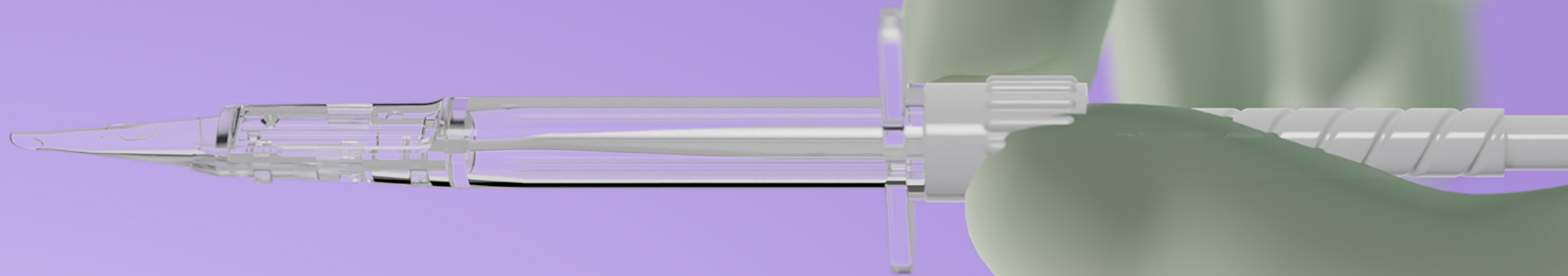


Discover all
specs and
publications

Expected
end 2026



Pure balance, pure control. Preloaded injector system



All Horizon IOLs are designed for easy implantation with the preloaded injector system. Preloaded and ready to use, it supports a smooth, efficient workflow in the OR. Easy for surgeons and nurses. Safe for your patients. Efficient and reliable for your daily cataract surgery.

- ✓ Preloaded configuration in single box
- ✓ One injector fits all
- ✓ Smooth implantation
- ✓ 2.2 mm incision*

* for Horizon Monofocal >26.0D a 2.6mm incision is needed.

Calculation service Get your numbers straight

Get off to a good start. Before any surgery you want your IOL power calculations to be as precise as your incision. That is why we offer refractive ophthalmologists our cataract IOL power calculation service, with our easy online calculator. And, if things get tricky, with our experts ready to help you.



Find out
more

Erwin Bouwman
Manager Clinical Research

IOL overview Horizon at a glance

Our Horizon IOLs offer a reliable and high quality hydrophobic cataract solution. With a safe and effective performance, for whoever's in your chair.

Your choice	Horizon Monofocal RS60AP-22 and RS60AP-26	Horizon Go 680
For patients demaning	Distance vision	Distance & intermediate vision
Optic type	Aspheric Aberration Negative (~ 0.2 µm)	Modified high-order aspheric design
Refractive index	1.54	1.54
Abbe number	42.5	42.5
Optic powers	0.0 D to +34.0 D	0.0 D to +34.0 D
Size	Body: 6.0 mm Overall: 13 mm	Body: 6.0 mm Overall: 13 mm
Haptic angle	0°	0°
Incision size	~ 2.2 mm for ≤ 26 D ~ 2.6 mm for > 26 D	~ 2.2 mm
A-constante For the latest A-constants, check ophtec.com .	 A-constante Horizon Monofocal	 A-constante Horizon Go
Horizon Go Toric: Expected end 2026		

About Ophtec

We are here

At Ophtec, we are driven to improve vision. We know what it's like to be an ophthalmologist: we were founded by one. We create ingenious products and solutions, and work closely together with ophthalmologists around the world. Together, we make people see clearly.

We are here, for you to do the best job possible.

Ophtec. Clearly.

Global Head Office

Schweitzerlaan 15
9728 NR Groningen
The Netherlands

+31 50 525 19 44
info@ophtec.com
ophtec.com



Contact
information
for all our local
offices

'Any question.
Any challenge.
We're just a
phone call away.'

Úrsula Jaén
Product & Business Development
Specialist



