

# COLORED UP



**oertli**  
**ophthalmedic®**

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EYE SURGERY ESSENTIALS.

## THE GALILEI G6 ColorZ

Versatile all-in-one diagnostic device integrating Optical Biometry with Dual Scheimpflug Tomography and Placido Topography

# GALILEI G6

## ColorZ

ColorZ is the new generation of our all-in-one GALILEI G6 diagnostic device, equipped with a state-of-the-art camera and HD monitor that deliver multi-layer TopView images in vibrant colors and with high contrast. COLORED UP also embodies our promise of unmatched versatility and continuous innovation, and is a key for connectivity.

We want you to feel confident in providing your patients with the most appropriate treatment and in achieving excellent refractive cataract outcomes – now and in the future.





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### Performance confidence

**The interaction of a full package of proven technologies and enablers in a single device enhances evaluation capabilities, accuracy and precision. Everything you need for a highly customized solution.**

- **State-of-the-art biometry** measuring, intraocular distances in one exam session determining accurate axial length, lens thickness and precise anterior and posterior corneal data as well as elevation maps for the planning of **premium IOL** implantation.<sup>1</sup>
- **Combines** the actual refractive data of the anterior and posterior corneal surfaces with intraocular distances and axial length measurement.<sup>2</sup>
- Comprehensive data set and latest wavefront features enable **accurate IOL selection** – also in post-refractive and very long or short eyes.<sup>3,4</sup>
- **Much greater than the sum of its parts** – interaction of proven technologies and enablers, supported by intuitive and advanced diagnostics based on the latest imaging technology.



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### Patient care

**Exceed expectations and imagine the smile on your happy cataract patients' face as you enable them to live an active life at any age.**

- Leading-edge diagnostics enabling the selection of state-of-the-art premium IOL for improved **vision outcomes**.
- Fast and ergonomic complete cataract and refractive data measurement in **a single session** – no relocation of patient needed.
- Patented iris-based **eye motion compensation** enables a consistent and precise evaluation of the eye.
- A full package of integrated technologies allows for an extensive range of diagnostic assessments and consistency **following the patient over time**.

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## Practice capabilities

**Let us be your partner in your passionate pursuit of continuous improvement in refractive cataract care. Our goal is to offer you the most suitable solutions for this and to always be at your side.**

- A single device capturing, storing and displaying all the required data saves floor space and time, reduces maintenance costs and **optimizes patient workflow**.<sup>5</sup>
- Analysis of patient data on a remote computer, while the device is in use, as well as intuitive and advanced diagnostic capabilities and user-friendly interface with a live-view image of the eye will **improve practice efficiency**.
- Investment in one single device that enables continuous improvements and enhancements – **always up-to-date**.
- Interfacing with your EMR system and complying with continuing DICOM standardization promote **seamless and efficient workflows**.



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## Continuous innovation Our latest improvements

- High-contrast TopView image in vibrant colors enabling:
  - More intuitive and advanced diagnostics
  - Enhanced visualization of great range of details such as blood vessels, iris pattern and pupil
  - Getting ready for the future to connect with our laser devices
- Color Eye Metrics Report with improved overlays measurement in high resolution
- New Biometry Software adding customized, biometry peak detection for axial length measurement
- Toric IOL Calculator for an accurate premium IOL selection
- Addition of state-of-the-art IOL calculation formulas  
(i.e. Barrett Universal II, Barrett Toric, Holladay II export, PANACEA export)

## Ready for the future One complete refractive cataract suite



1. „Galilei Dual Scheimpflug Analyzer.“ By Feizi, Sepehr. Diagnostics in Ocular Imaging. Springer, Cham, 2021. 163-182.
2. Shammam HJ, Shammam MC (2007). “No-history method of intraocular lens power calculation for cataract surgery after myopic laser in situ keratomileusis.” Journal of Cataract and Refractive Surgery 33(1):31-36.
3. Hoffmann PC, Wahl J, Hütz WW, Preussner PR (2013). „A Ray Tracing Approach to Calculate Toric Intraocular Lenses“ 29(6):402-408.
4. Zhang L, Sy ME, Mai H, Yu F, Hamilton DR (2015). “Effect of posterior corneal astigmatism on refractive outcomes after toric intraocular lens implantation” Journal of Cataract and Refractive Surgery 41(1):84-9.
5. Fam HB (2013). “The Advantages of an All-in-One System.” Supplement to Cataract and Refractive Surgery Today Europe October: 5.

