

COLORED UP



THE GALILEI G4 ColorZ

Most comprehensive diagnostic device combining the best of both worlds – Dual Scheimpflug Tomography and Placido Topography

GALILEI G4

ColorZ

ColorZ is the new generation of our comprehensive GALILEI G4 diagnostic device, equipped with a state-of-the-art camera and HD monitor delivering multi-layer TopView images in vibrant colors and with higher contrast. COLORED UP also embodies our promise of unmatched versatility and continuous innovation, and is key for connectivity.

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





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Performance confidence

The GALILEI G4 ColorZ helps you achieve top performance in refractive and therapeutic eye care. It provides accurate and precise data across the entire cornea, enabling consistent planning for predictable and excellent outcomes.

- Gold standard Placido topography and patented Dual Scheimpflug tomography **combined in a single device** enable precise and repeatable evaluation of the anterior and posterior corneal surface.¹
- Comprehensive data set for **reliable analysis** of posterior corneal surfaces for early detection of corneal irregularities and asymmetries.²
- Measurement and map alignment on 1st Purkinje image ($\approx$ visual axis) ensuring **improved detection of corneal asymmetries** relevant to vision.
- **Predictable** and accurate results supported by intuitive and advanced diagnostics and enhanced Eye Metrics properties.*

* optional Barrett license required



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Patient care

Promoting patient comfort and satisfaction through streamlined care and exceeding expectations thanks to state-of-the-art diagnostics. One single screening session – happy patient!

- Fast and ergonomic topography and tomography screening in **a single session** – no relocation of patient needed.
- Patented iris-based **eye motion compensation** enables a consistent and precise evaluation of the eye.³
- **Early detection** of irregularities and asymmetries allows timely treatment and prevention in cases where this is possible, thus increasing patient satisfaction.
- **Surprise your patients** with a vibrant color TopView image of their eye.

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Practice capabilities

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

- A single device providing a comprehensive data set saves space and time and **optimizes the patient workflow** by eliminating the need to switch between different devices.
- Placido topography and Dual Scheimpflug tomography allow for an extensive **range of diagnostic assessments** following the patient over time.
- Analysis of patient data on a remote computer while the device is in use,* as well as intuitive and advanced diagnostic features, will **improve practice efficiency**.
- Investment in one single device that enables continuous improvements and enhancements – **always up-to-date**.

* optional



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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

Ready for the future One complete refractive suite



1. „Intrasubject repeatability of corneal power, thickness, and wavefront aberrations with a new version of a dual rotating Scheimpflug–Placido system.” By Cerviño, Alejandro, et al. Journal of Cataract & Refractive Surgery 41.1 (2015): 186-192.
2. “Posterior corneal shape: Comparison of height data from 3 corneal topographers.” By de Jong T., Sheehan M. T., Koopmans S. A. & Jansonius N.M. (2017).Journal of Cataract & Refractive Surgery, 43(4), 518–524.
3. “Galilei Corneal Tomography for Screening of Refractive Surgery Candidates: A Review of the Literature, Part II.” By Moshirfar M., Motlagh M. N., Murri M. S., Momeni-Moghaddam H., Ronquillo Y. C., Hoopes P. C. (2019). Med Hypothesis Discov Innov Ophthalmol.; 8(3).

Disclaimer: The GALILEI G4 ColorZ and the GALILEI G6 ColorZ are CE marked and FDA cleared. For some countries, availability may be restricted due to regulatory requirements. Please contact Ziemer for details.

