

GALILEI

ColorZ G6



One Session, One Device

Uniting Optical Biometry, Dual Scheimpflug Tomography, and Placido Topography to deliver comprehensive diagnostics, streamlined workflows, and the clinical insights needed to support confident treatment planning.



Swiss Made

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OPHTHALMOLOGY

Advanced Diagnostics



The GALILEI G6 ColorZ redefines comprehensive cataract planning, refractive and therapeutic diagnostics through the seamless integration of Optical Biometry, Dual Scheimpflug Tomography, and Placido Topography. Designed for efficient pre and postoperative assessment in cataract, refractive and therapeutic applications, it integrates multiple diagnostic modalities into a single examination, delivering the information clinicians need to support confident decision making and an optimized workflow.

Complete Diagnostic Intelligence

The power of multiple proven technologies united within a single platform delivers accuracy and clinical confidence.² Designed to support highly personalized patient care, the GALILEI G6 ColorZ provides everything needed for comprehensive diagnostics and treatment planning.



Premium IOL Planning

Advanced optical biometry acquires axial length, anterior chamber depth, lens thickness, and comprehensive corneal measurements in a single examination, providing the data required for modern IOL planning.¹



Refractive Data. Confident Repeatability.

By combining anterior and posterior corneal measurements with optical biometry, the GALILEI G6 ColorZ delivers precise and repeatable data to support IOL calculations and refractive planning.²



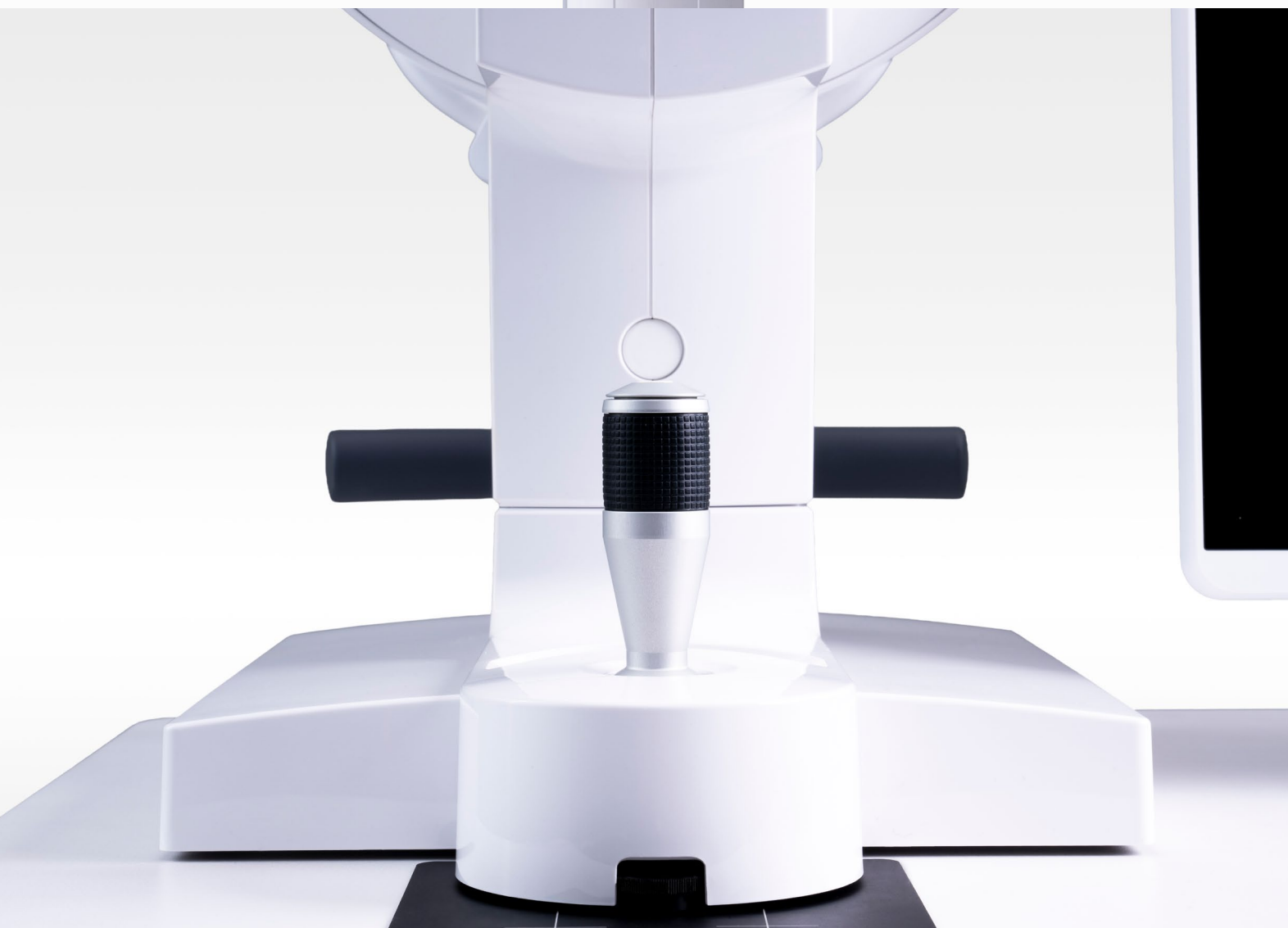
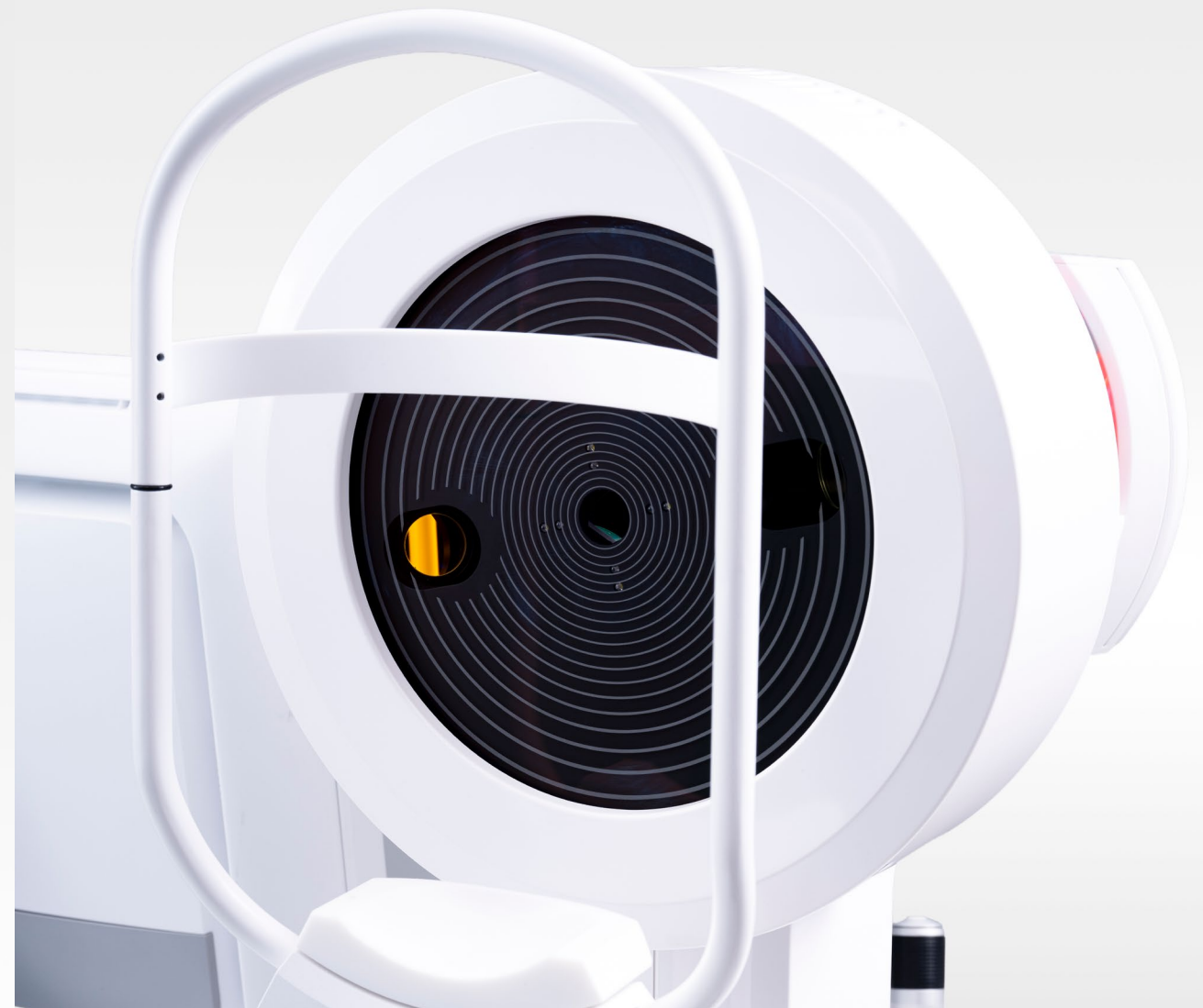
Comprehensive Wavefront Insight

Advanced wavefront capabilities provide additional optical insight for IOL planning, including challenging post-refractive eyes and eyes with atypical biometric characteristics.^{3,4}



Go Beyond Imaging

Advanced imaging technologies work in harmony with intuitive diagnostic tools and sophisticated analytics, delivering deeper clinical understanding and elevating decision making at every stage of the patient journey.

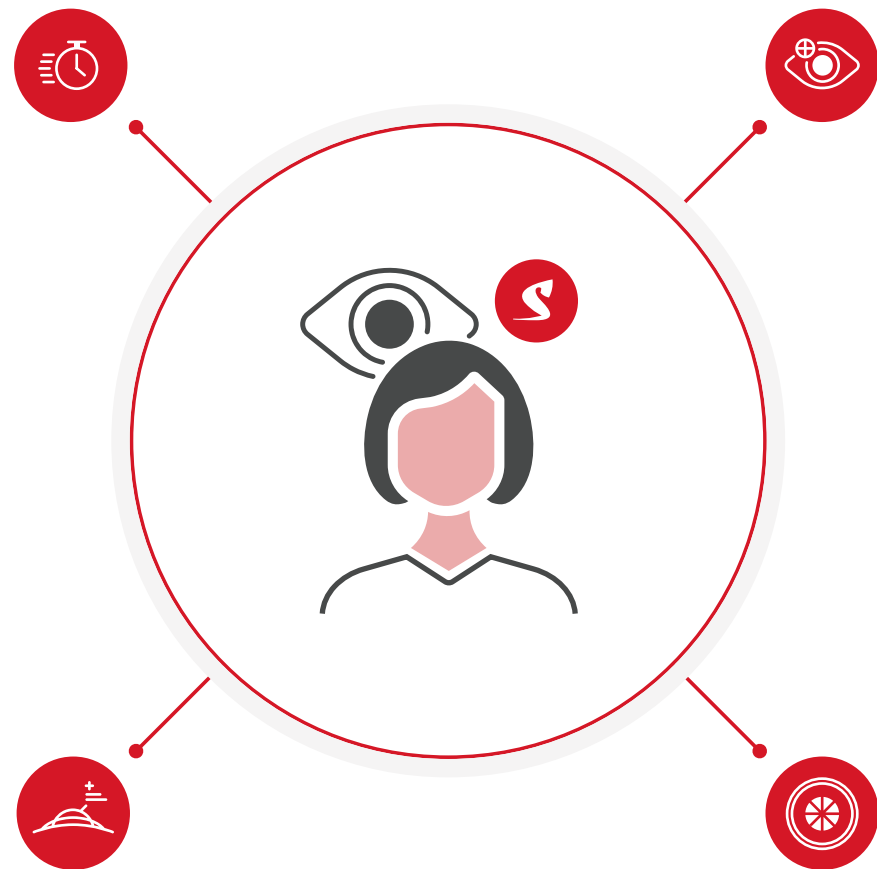


Elevated Patient Experience

Streamlined, state of the art diagnostics enhance patient comfort and satisfaction, delivering exceptional care in a single, efficient screening experience defined by One Session, One Device.

Fast and ergonomic topography and tomography screening in a single session.

Patented iris-based eye motion compensation enables a consistent and precise evaluation of the eye.³



Early detection of irregularities and asymmetries support clinicians with timely treatment decisions.

Surprise your patients with a vibrant color TopView image of their eye.

Future-Proof Your Practice

Driven by a commitment to continuous advancement in refractive, therapeutic and cataract care, the GALILEI G6 ColorZ delivers a sophisticated, connected diagnostic platform designed to support clinical excellence today and sustained success for the future.

→ A Lasting Investment

The GALILEI G6 ColorZ is designed to evolve through ongoing software enhancements and technology advancements, helping support the changing needs of modern ophthalmic practices.

→ One Platform, Greater Efficiency

A single integrated system acquires diagnostic data in one examination, reducing the need for multiple devices while simplifying workflow and optimizing clinical space.⁵

→ Connected Performance

Real-time data access and remote review capabilities support efficient clinical collaboration and uninterrupted patient flow.

→ Seamless Integration

Designed to integrate effortlessly with EMR systems and evolving DICOM standards, the GALILEI G6 ColorZ supports connected data management and is FlowSuite ready to grow alongside your practice.

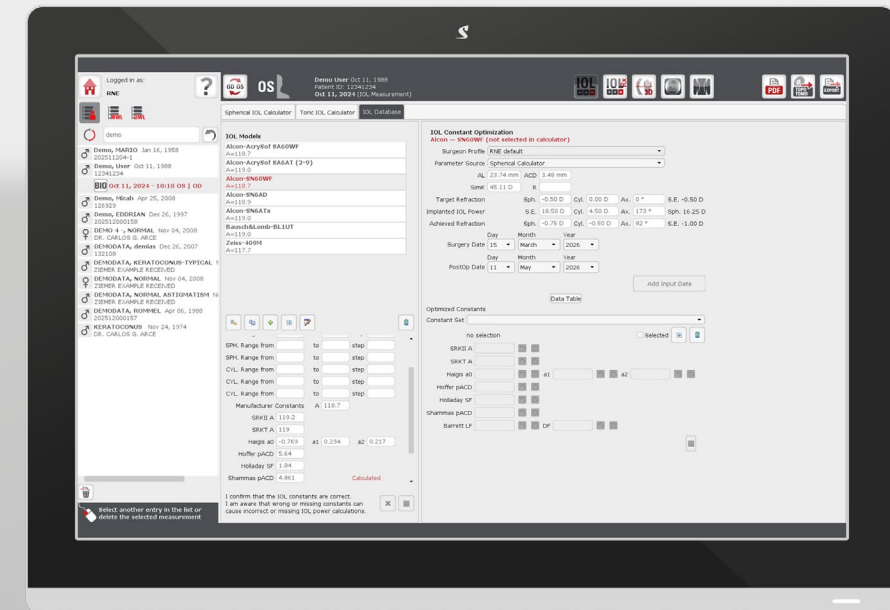


Advanced IOL Planning



Access to the full Barrett Suite, including Barrett Rx, Universal II, Toric, and True-K formulas, provides comprehensive calculation options to support advanced IOL planning across a broad range of clinical scenarios.

IOL Constant Optimization



Enables GALILEI users to optimize the constants for a given IOL model based on refractive outcome and surgeon technique.

Side-by-Side

G4 vs. G6

	G4	G6
	TOPOGRAPHY TOMOGRAPHY	TOPOGRAPHY TOMOGRAPHY BIOMETRY
Features	GALILEI G4 ColorZ	GALILEI G6 ColorZ
Imaging & Measurement		
Dual Scheimpflug Tomography	✓	✓
Placido Topography	✓	✓
Optical Biometry	—	✓
1st Purkinje Alignment	✓	✓
Iris-based Eye Motion Compensation	✓	✓
Analysis & Diagnostic Tools		
Refractive Maps	✓	✓
Corneal Wavefront Analysis	✓	✓
Asymmetry Maps & Reports		
• Thickness Speed Progression (TSP)	✓	✓
• CLMI.X Asymmetry Detection	✓	✓
• Santiago Ectasia Risk Assessment (PTA)	✓	✓
Densitometry	✓	✓
IOL Planning		
Complete IOL Calculator Suite*	—/ limited	✓
Connectivity		
Remote Workstation	✓	✓
DICOM & Networking	✓	✓
FlowConnector	✓	✓

* Includes spherical, toric, post-refractive (Barrett Rx), and IOL constant optimization calculations

Innovation that Never Stops

Vivid TopView Imaging

- High-contrast color TopView imaging visualizes blood vessels, iris patterns, and the pupil with outstanding clarity, supporting intuitive image interpretation and treatment planning.

Seamless System Connectivity

- Direct integration with Ziemer laser platforms enables automated iris matching for cyclorotation compensation and treatment centration aligned with the visual axis.

Comprehensive Asymmetry Analysis

- Integrated TSP (Thickness Spatial Profile), CLMI.X, and PTA analysis combine established screening parameters to support a comprehensive assessment of corneal asymmetry and structural integrity.



We Deliver Vision to the World

Contact us today to learn
more about how GALILEI G6
can elevate your practice.



ziemergroup.com/galilei



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References: **1.** "Galilei Dual Scheimpflug Analyzer." By Feizi, Sepehr. Diagnostics in Ocular Imaging. Springer, Cham, 2021. 163-182. **2.** Shammas HJ, Shammas 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.

The GALILEI G4 ColorZ and the GALILEI G6 ColorZ are CE marked and FDA cleared. Availability may be restricted due to regulatory requirements.
Ziemer Ophthalmic Systems AG uses artificial intelligence (AI) to optimize text and media content.

