

I EXPLORE, YOU DECIDE



ACE®

Advanced Corneal Explorer



I explore and get information from
inside the eye, that's my job.
You can then go deeper into the
diagnosis.

You decide, I explore!



BAUSCH+LOMB
See better. Live better.

FOR ACCURACY IN REFRACTIVE SURGERY



ACE® is a technology that utilizes the power of high-resolution swept-source **OCT imaging** to provide the key corneal measurements. Optimizing the quality of the preoperative data provides more information to help you to improve the safety of your refractive surgery procedures.¹

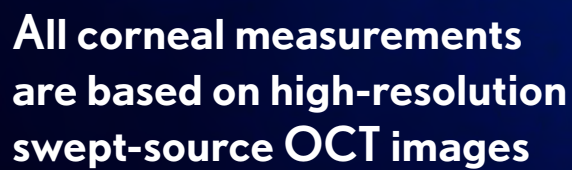
ACE® and the **TECHNOLAS® Teneo™ 317 Model 2** offer solutions that will refine your results. Transform your daily surgical routine into an exciting day with a platform that brings together corneal topography and tomography and allowing data transfer between both devices.



* All corneal measurements based on high- resolution swept-source OCT images

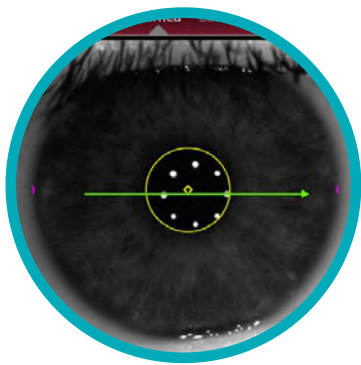
1. Muriël Doors et al. Value of optical coherence tomography for anterior segment surgery. J Cataract Refract Surg 2010; 36:1213–1229 Q





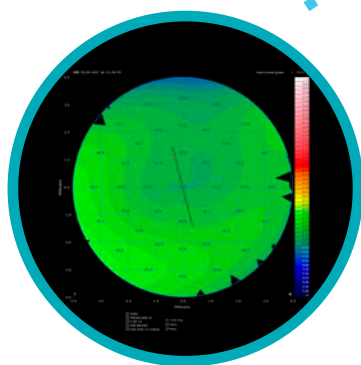
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ADVANCED CORNEAL EXPLORER



Assess each patient's corneal topography and tomography, including curvature and elevation maps of the anterior and posterior surfaces.

ACE® acquires 65 high-resolution B-scans for detailed information.



ACE® provides a comprehensive solution to determine a patient's individual corneal geometry.

The combination of OCT images and corneal measurements enhances your confidence in the diagnostic accuracy and follow-up of corneal pathologies. It also provides valuable support to the choice of the appropriate technique and the planning of refractive surgery.

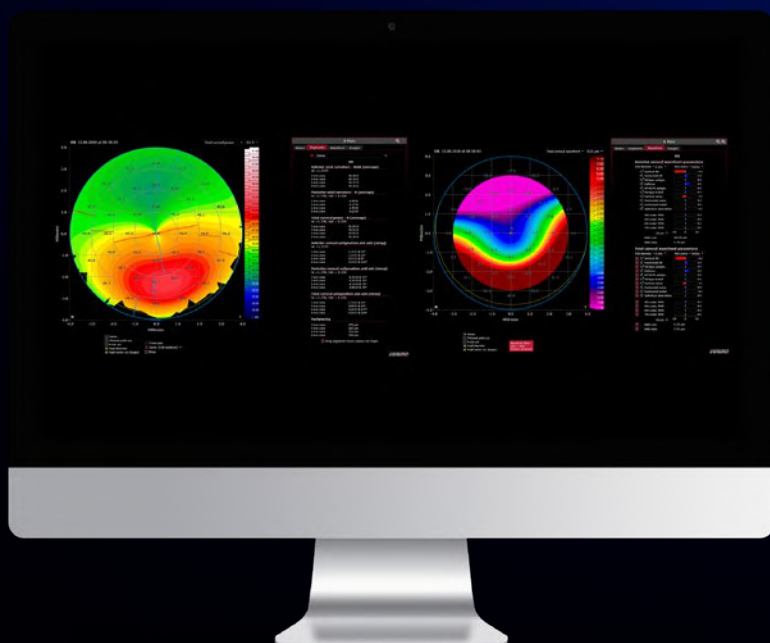
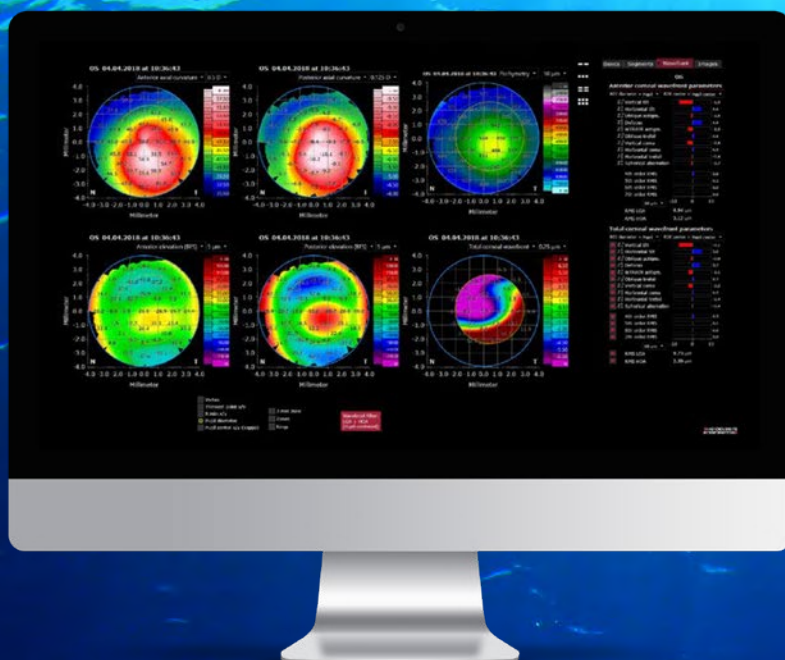


HIGHLY CUSTOMIZABLE MAP LAYOUT

Display up to 6 maps simultaneously, compare OD and OS, or perform an analysis over time.

12 different map types:

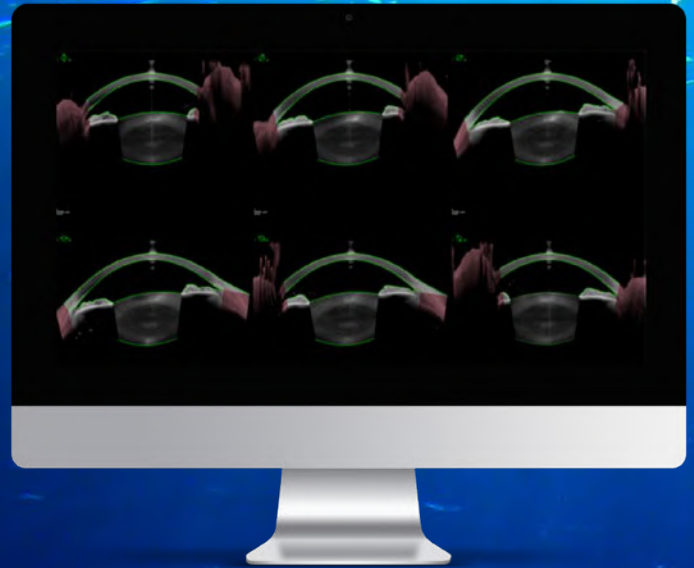
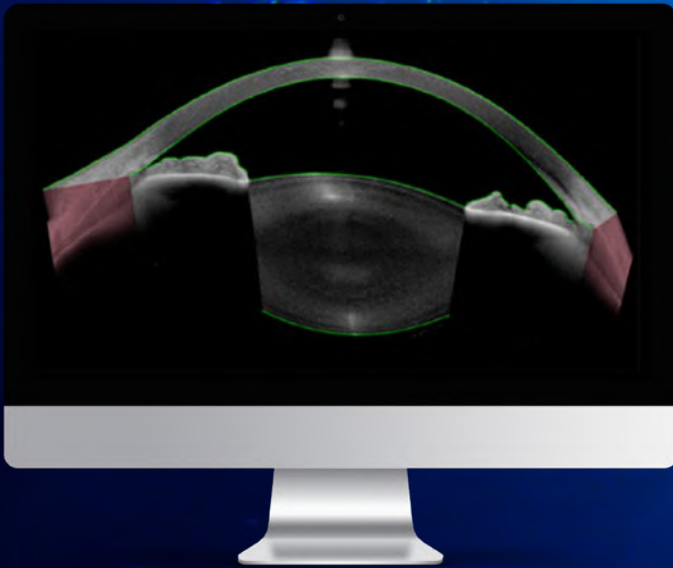
- Anterior and posterior axial or tangential curvature
- Anterior and posterior elevation (best fit sphere and best fit torus)
- Pachymetry
- Total corneal power
- Anterior and total corneal wavefront



TOTAL CORNEAL POWER MAP

Diagnostic confidence
for refractive surgery

OCT-BASED CROSS-SECTION OF THE EYE



KERATOCONUS EYE IN MULTI-VIEW LAYOUT

Diagnostic confidence for enhanced refractive surgery

The combination of total corneal power, pachymetry and corneal wavefront analysis delivers the detailed information required for confident decision making.



FOR ACCURACY IN **REFRACTIVE SURGERY** THE OCT-BASED CORNEAL IMAGE IS LINKED TO AN EXCIMER LASER



TECHNOLAS® TENEO™ 317 Model 2 and **ACE®** are the refractive couple for making your life easier.

Streamline data transfer between **ACE®** and **TECHNOLAS® TENEO™ 317 Model 2** provides data supporting **PROSCAN** treatments with static cyclotorsion compensation based on the iris data.

Accuracy: based on OCT technology

Consistency: fully developed, engineered and produced by experts with more than 20 years of experience in developing eye care devices

Efficiency: speed of acquisition of diagnostic measurements*

ACE® exports the following information in the .ote-files to the database server:

- > Topography data
- > K-values
- > Iris data
- > Pachymetry data
- > Q-values



The picture just shows the acquisition head of the device, not all the ACE® components

* Compared to non connected systems

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See better. Live better.

There's always more to discover. Let's keep exploring.



www.bauschsurgical.eu



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