

antares

The High-End Dry-Eye Topographer



Antares The **state of the art** Topography System for corneal mapping, contact lens fitting and dry eye diagnosis. **A bright Star indeed.**

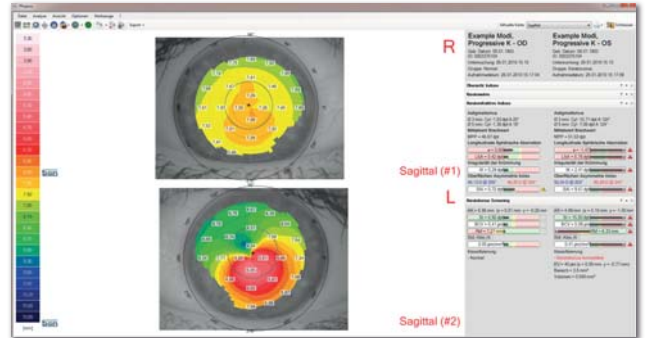
With its exceptionally large measurement zone and 24 analysis rings, Antares warrants detailed exams for optimal results each and every time.

A choice of light sources provides a choice of diagnostics: a diffuse white light "TearScope like" imaging of the tear film for detailed tear film quality assessment, fluorescein images for lens fit simulation and Meibography with a classification software using the Infra red light source.

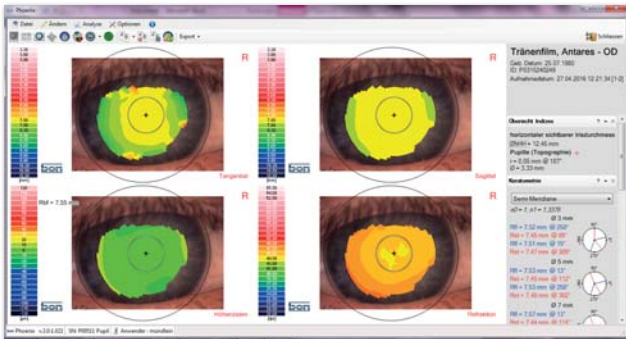


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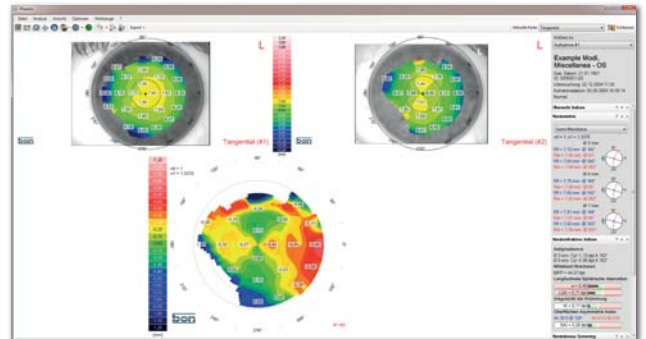
The High-End Dry-Eye Topographer



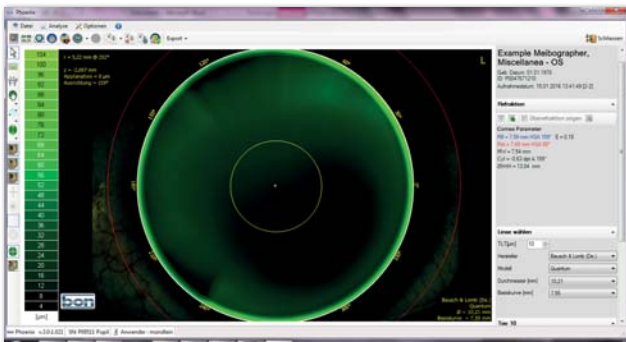
Local comparison - direct comparison R-L



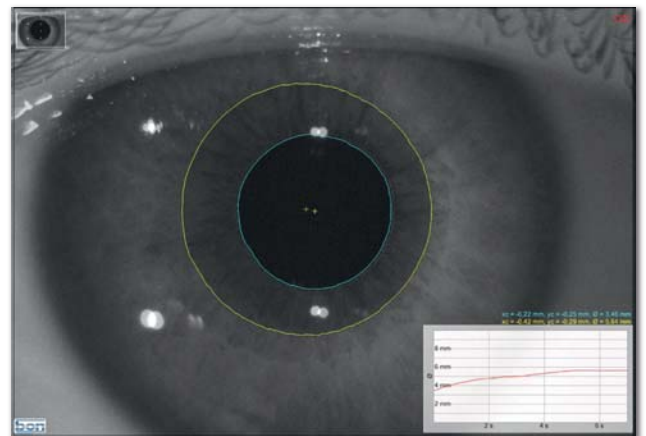
High precision topographic mapping of the corneal surface.



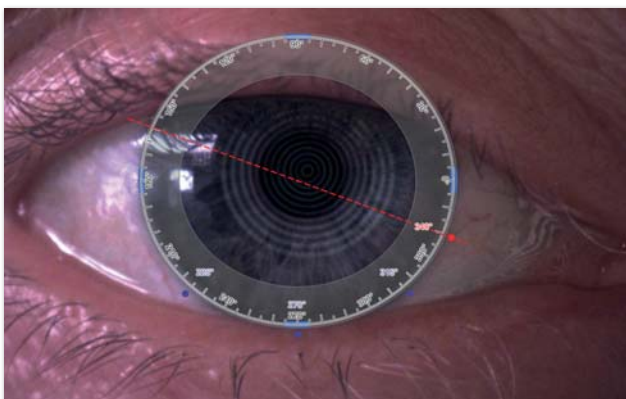
Comparison of up to 6 images for improved control and documentation.



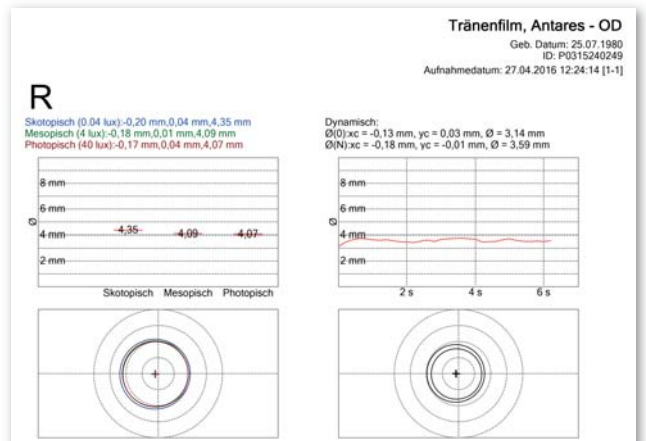
The user friendly "Autofit" contact lens fitting module offers automatic preselection of the most suitable lens with realistic fluo-simulation and optional real fluo images.



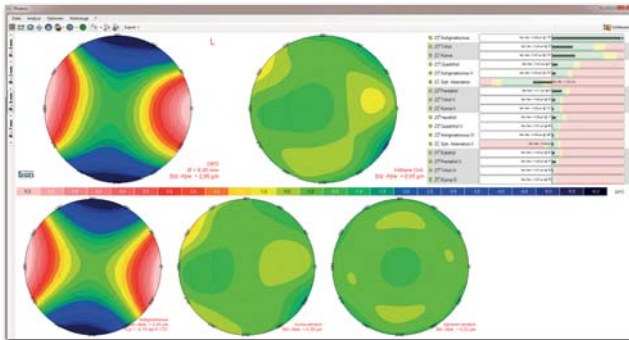
Professional pupillography



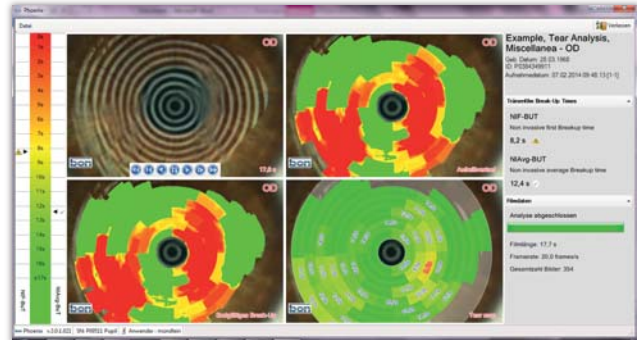
Tabo scale for easy fit control of toric contact lenses or as an IOL marker



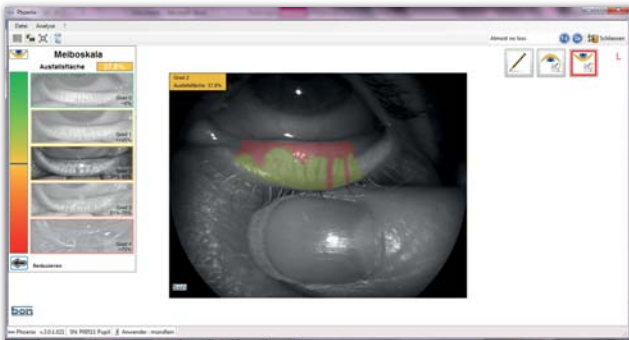
Pupillography evaluation printout



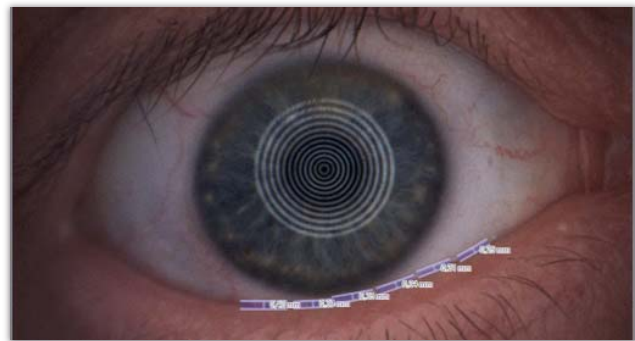
Zernike analysis with aberration report (wavefront comparison)



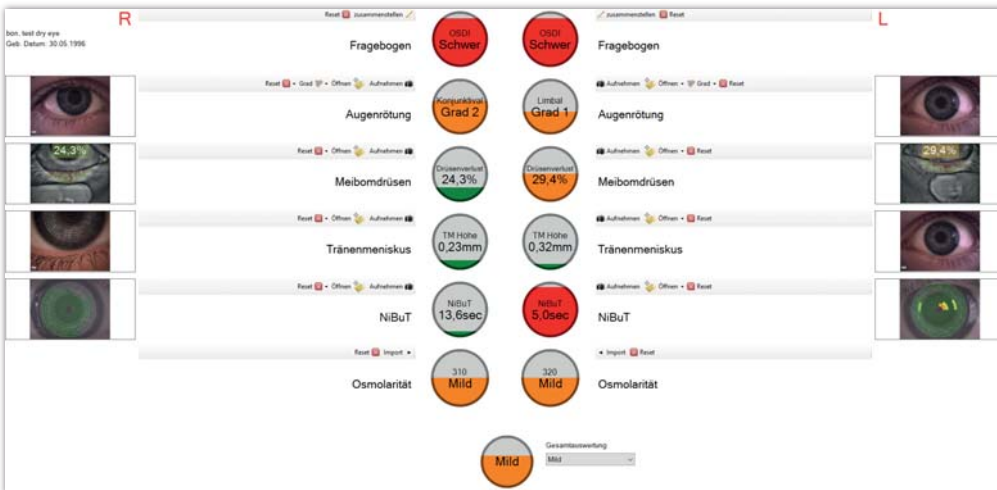
Comprehensive analysis of the tear film, including a dynamic view of the non-invasive break-up time (NIBUT)



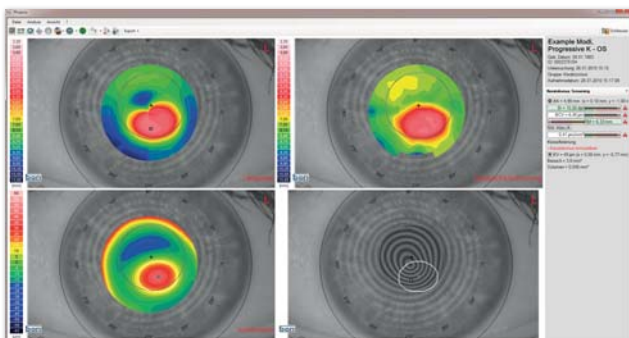
Meibography, with classification according to the internationally proven 5-step "Pult" scale



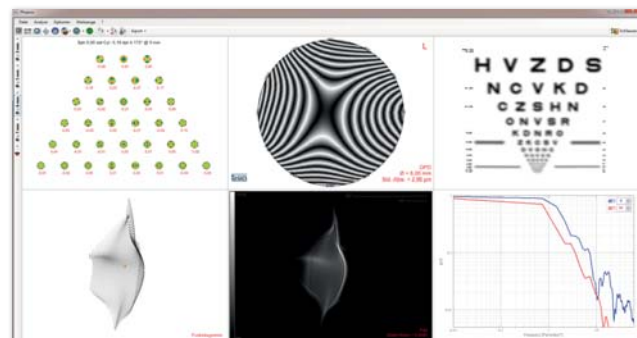
Video keratometry ("TearScope" examination)



Comprehensive dry eye reports including osmolarity (TearLab data) and anamnesis questionnaire



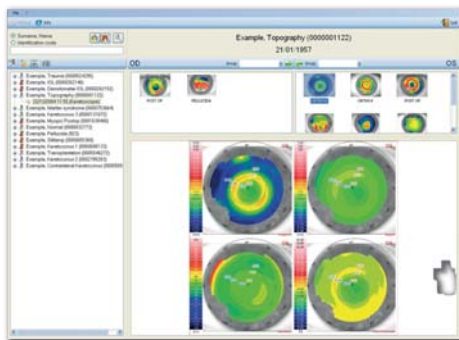
Keratoconus screening with classification



Visual quality report

PHOENIX software suite

Antares operates with the progressive "Phoenix" software. Phoenix combines a suite of diagnostic equipment such as Digital Slit Lamp, Topographer, Fundus camera, Specular Microscope and Scheimpflug Camera to ensure optimal work flows – all images in a single database- combining to make **one powerful system.**



The clear Phoenix user interface enables particularly intuitive and comfortable work flows.

barrier-free data traffic

The Phoenix **export features** ensure seamless integration into existing practice software systems and barrier-free collaboration, e.g. with CL manufacturers or cooperating physicians. Many manufacturers already work with the Phoenix software and can easily integrate and analyze the topography data of the Antares into their calculation programs, e.g.



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Antares features at a glance

Measuring technology	placido disc
Measuring rings / analysis rings	24
Measurement area	Ø 0.4 to 9.6 mm
Accuracy / resolution	± 0.01 D
Real data measuring points	6.144 (24 x 256)"
Working distance	78 mm
Computer connection	USB 3.0
Automatic R / L detection	✓
Phoenix software suite with database	✓
Export function for images and readings	✓
Interfaces to software of various contact lens manufacturers	✓
Included network licenses (optionally extendable)	2
DICOM interface for hospital networks	✓
"Autofit" module for comfortable contact lens fitting	✓
Realistic fluoresceine simulations	✓
Blue light source for real fluoresceine images	✓
Comparison and difference view for follow-up (up to 6 images)	✓
Impressive 3D presentations	✓
Zernike wavefront analysis	✓
Visual acuity quality report	✓
Pupillometry	✓
Kerato refractive indices	✓
Keratoconus screening with classification	✓
Meibography with analysis and classification	✓
"TearScope" examination	✓
Video keratoscopy (BUT)	✓
Measurement of the tear meniscus	✓
Dynamic view of the non-invasive break-up time (NIBUT)	✓