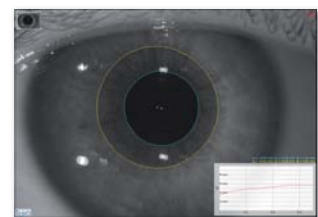
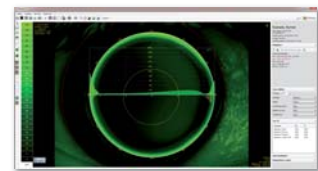
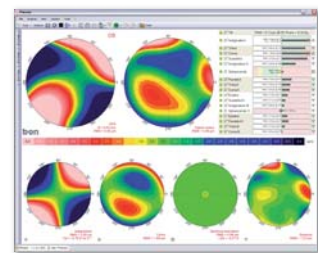
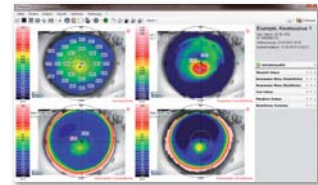
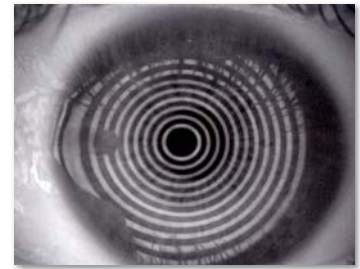
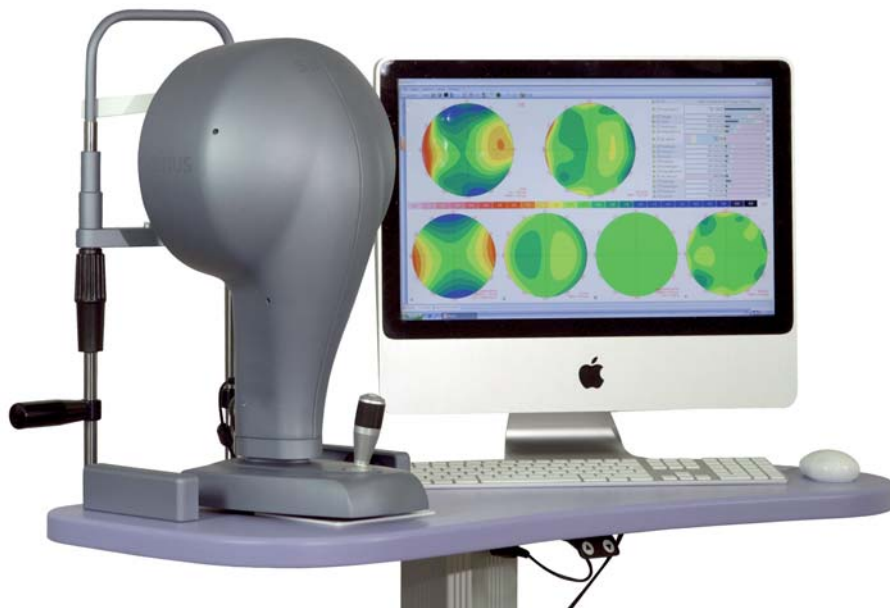


# SIRIUS

*3D Rotating Scheimpflug Camera & Topography System*



*The excellent combination of a rotating Scheimpflug camera and a Placido disk technique provides the best performances for measuring.*

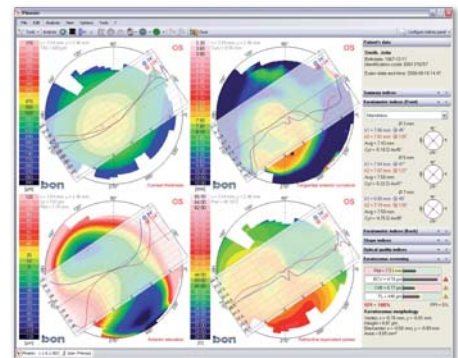


# SIRIUS

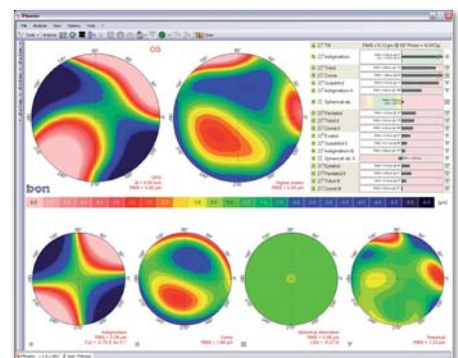
## 3D Rotating Scheimpflug Camera & Topography System

### Main features

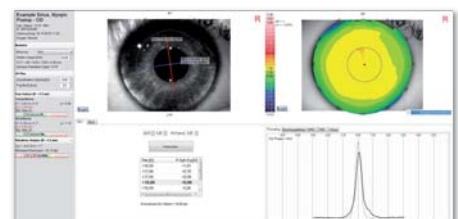
- Anterior and posterior corneal topography (sagittal and tangential, curvature and elevation maps)
- Corneal Pachymetry (12 mm diameter)
- Meibography
- IOL calculation with **Raytracing** technique, also works with already treated eyes (e.g. LASIK)
- Pupillography
- Tear film analysis
- Cataract summary
- Keratoconus Summary
- Glaucoma Summary
- IOP correction formulas
- Anterior chamber analysis
- Map of anterior chamber depth
- OPD analysis and visus simulation
- Refractive and cataract surgery planning tools
- Topography rings can be edited, as well as the surface in the Scheimpflug's images
- Automatic calculation of iridocorneal surface
- Optical cornea analysis
- Scheimpflug's images comparison
- Summary of acquisition reliability



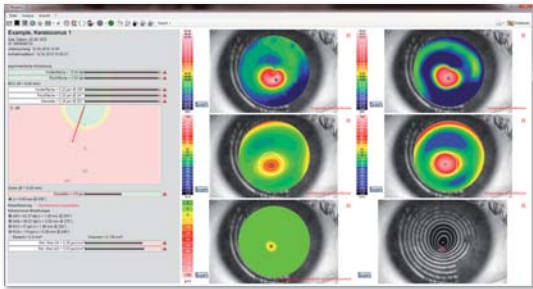
Corneal summary



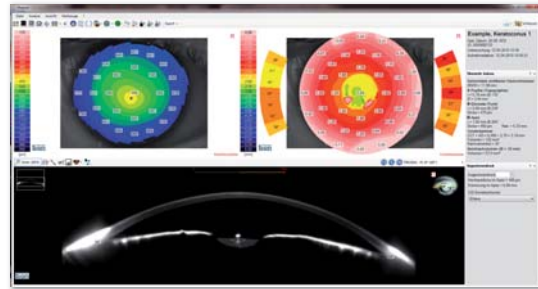
Zernike Summary:  
corneal aberration analysis



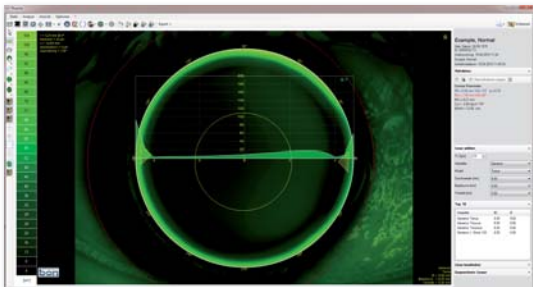
IOL Calculation



Keratoconus analysis



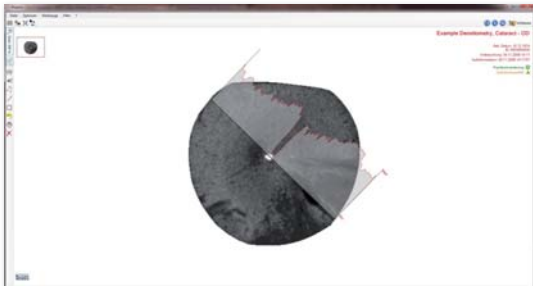
Glaucoma analysis



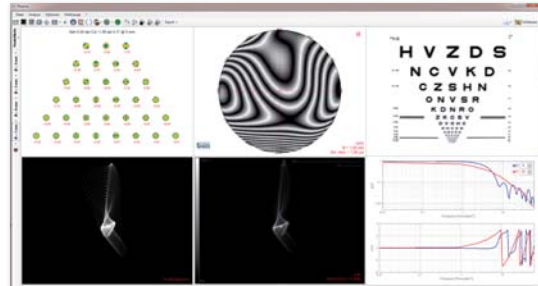
Integrated corneal topography with complete **software for contact lens fitting**



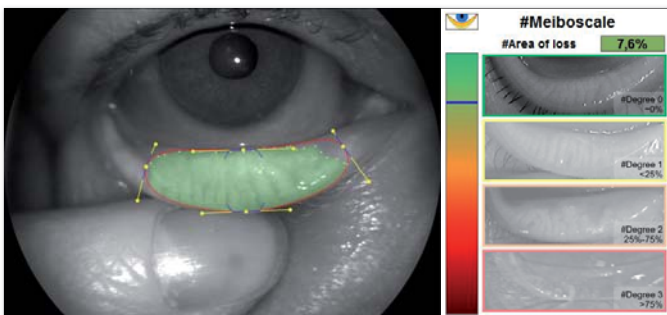
Scheimpflug image analysis including anterior chamber depth and chamber angle



Densitometry

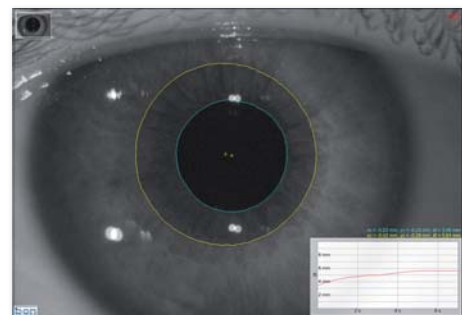


Display of the visual quality



**Meibography**

The Meibomian Gland Dysfunction (MGD) is the significant cause for hyper-evaporative dry eye. *SIRIUS* allows visual documentation and digital analysis of gland dysfunction.



Pupillography

# SIRIUS

## 3D Rotating Scheimpflug Camera & Topography System



### PHOENIX

*SIRIUS works perfectly with the advanced PHOENIX Software-Suite. PHOENIX enables comfortable working, by connecting all of your **b o n** diagnostic instruments with a powerful patient database, giving you an extraordinary effective work station.*

### Technical specifications

Camera:	Dual head custom-designed High-Resolution CCD-camera
Light Source:	Blue LED (475 nm UV-free)
Real Measuring Points	21632 (anterior) + 16000 (posterior)
Speed:	25 fps
Dimensions:	(H) 510 x (W) 250 x (D) 320 mm
Weight:	7 kg