

Antares+

DRY EYE DISEASE DIAGNOSIS AND ADVANCED MULTI-FUNCTIONAL CORNEAL TOPOGRAPHY

LUMENIS



Do your patients suffer from dry eye disease?

Expand your dry eye practice and benefit from comprehensive advanced corneal analysis.

Antares; Lumenis fully featured multi-functional corneal topographer with advanced tear-film analysis featuring NIBUT analysis, MGD lipid layer grading, infrared meibography, pupillography and contact lenses fitting.

All-in-one solution, user friendly, with complete patients data history reports evolution.

Antares+ Applications

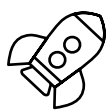
- Dynamic view of non-invasive break-up time (NIBUT)
- Advanced analysis of the tear film
- Meibomian Gland Dysfunction (MGD) analysis including classifications
- Corneal topography
- Contact lens fitting with auto fit simulation
- Blue light for fluorescein images
- Pupillography
- Keratoconus screening with classification
- Corneal wave front analysis
- A light diffuser filter (optional) for tear lipid layer analysis

Why Antares by Lumenis?



Quality

Accurate, reliable, and low intra-rater variability



Speed

Fast examination process and results



Comfortable

Offers patient comfort as well as physician ease of use

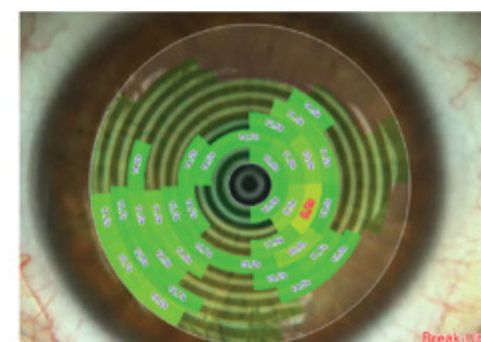
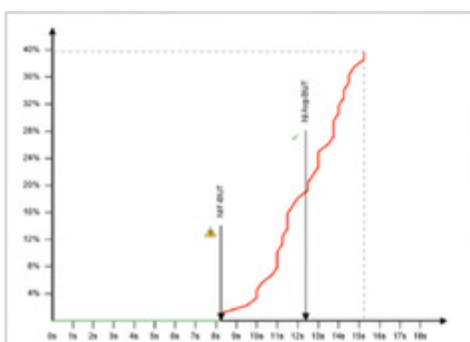
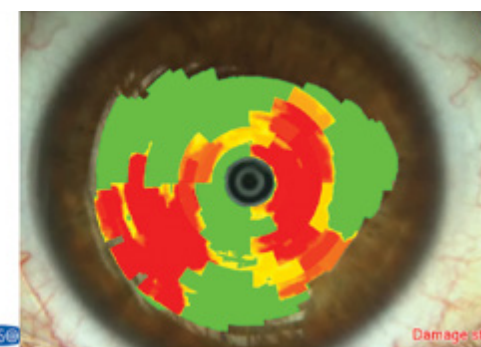
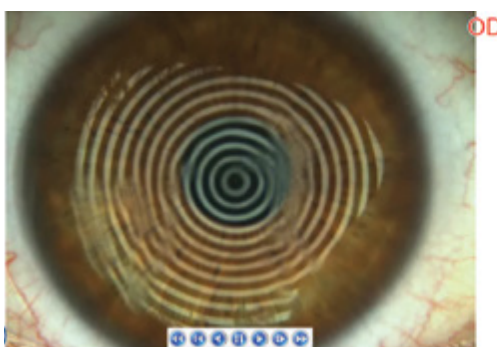
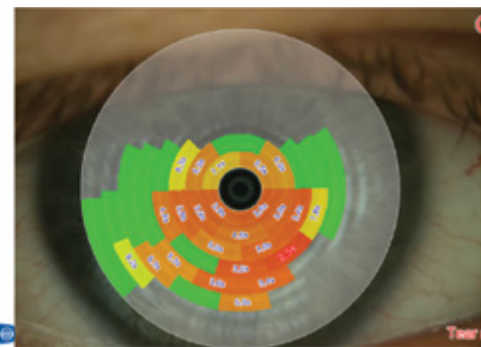
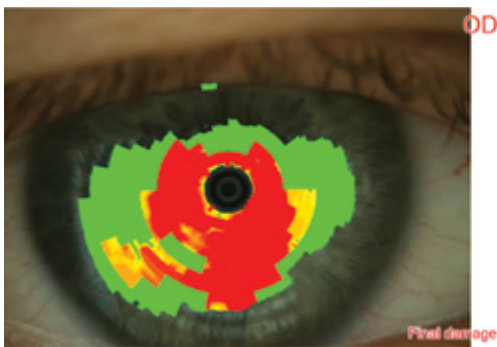
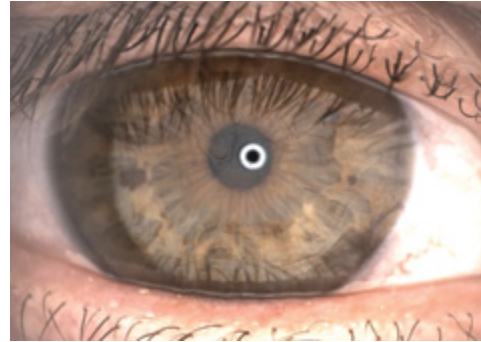
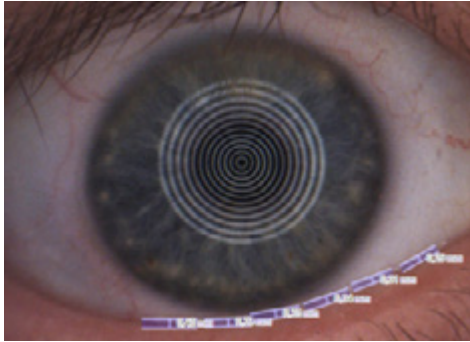


Price

Highly competitive, with great ROI

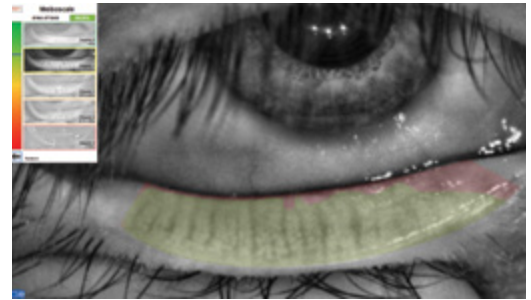
Advanced Analysis of the Tear Film

- Automatic measurement NIBUT
- Dynamic videokeratoscopy
- Tear meniscus height
- Fluoroscopy to measure BUT
- Analysis of tear lipid layer (requires additional accessory)



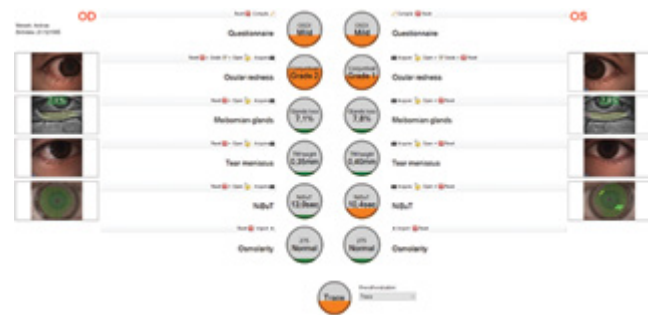
Meibography

- Analysis of Meibomian glands using a 5-point severity scale
- Upper and lower inner part of eyelid highlighted by infrared illumination



Dry Eye Report

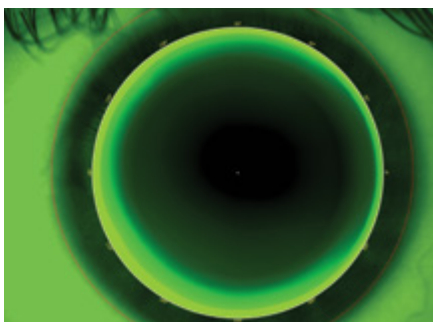
Based on the Ocular Surface Disease Index questionnaire (OSDI), limbar and conjunctival hyperaemia, Meibomian glands analysis, tear meniscus analysis, NIBUT, and tear osmolarity (imported), calculated merging together all partial scores, provides an overall evaluation of the clinical condition of the patient for a comprehensive diagnosis of the dry eye disease.



Contact Lens Auto-fit

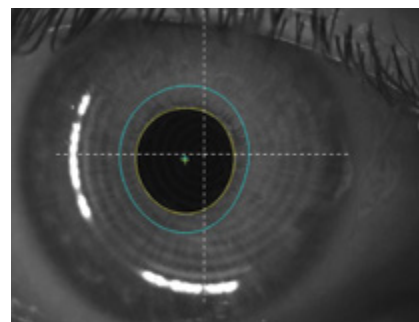
Antares' built-in keratometer and automatic measurement system, gives access to a unique feature called auto-fit, which ensures optimum accuracy in the selection of contact lenses.

The practitioner can check, in real time, if models and diameters fit the cornea and offer perfectly calibrated lenses to the patient.

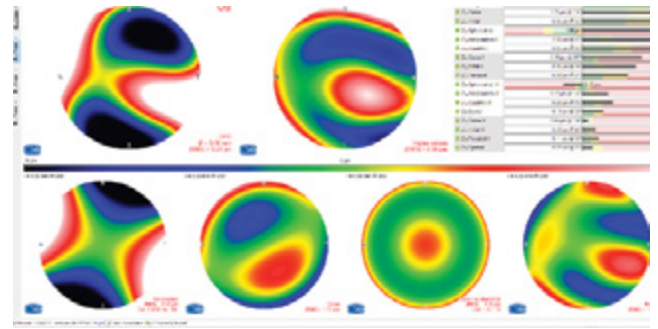
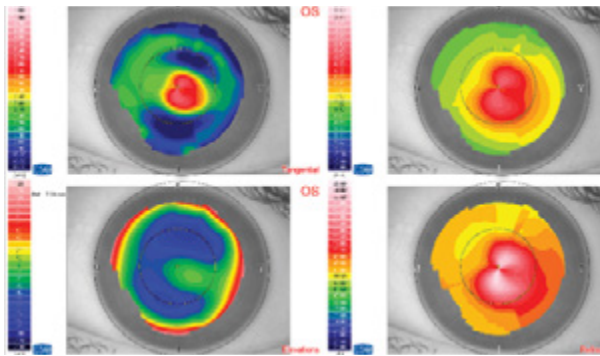


Pupillography

- Pupillometry with scotopic light (0.04 lux) to determine pupil maximum extension and optic zone diameters for treatment settings
- Pupillometry with mesopic light (4 lux)
- Pupillometry with photopic light (50 lux)
- Dynamic pupillography from high photopic light to dark



Advanced Corneal Topographer



Offers 5 different corneal mapping options:

- Sagittal curvature
- Tangential curvature
- Elevations
- Refractive power
- Gaussian curvature
- Corneal wave-front examination
- Keratoconus Summery
- Advanced Altimetry

Optional Accessory

LIGHT DIFFUSER FILTER

for auxiliary illumination, magnetic lock



Antares+ Specifications

Data transfer	USB 3.0
Power supply	External power source 24 VCC In: 100-240Vac - 50/60Hz - 0.9-05A - Out: 24Vdc - 40W
Dimensions (HxDxW):	515 × 315 × 255mm
Weight	6.5Kg
Working distance	74mm

LIGHT SOURCES

Auxiliary White	LED @450-650nm bianco
Placido's disk	LED @450-650nm bianco
Fluorescein stimulation	LED @470nm
Pupillography and Meibography	LED @940nm

TOPOGRAPHY

Placido disk rings	24
Measured points	6144
Topographic covering (at 43D)	10mm
Dioptic measurement range	1D to 100D
DICOM	v3 (IHE integration profile EYECARE Workflow)

ACCESSORIES (optional)

Light diffuser filter for auxiliary illumination, magnetic lock	Light diffuser filter (optional)
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