
NEW
CSO
Antares+
CORNEAL TOPOGRAPHER
Antares+

LATEST

NEW Product Modifications and Upgrades

+ New Focusing System
+ More Accurate Measurements
+ Easy To Repeat Test
+ Better Quality Pixels (High Resolution Images)
+ New Lipid Layer
+ Blue Light And Yellow Filter For Fluorescence Analysis
+ White Leds Light For Improved Cornea Imaging
+ Comparison of Antares + vs. Antares
+ 6 Eyes of 3 patients
+ 8 Acquisition Per Eye
+ 3 Different Device Users

Refractive and Cataract Surgery

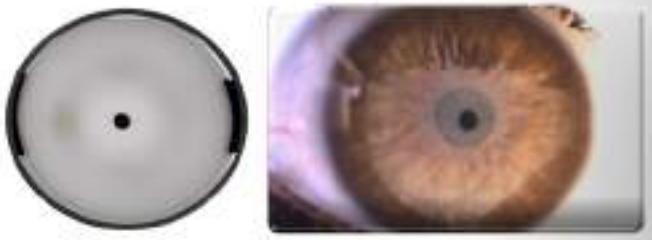
IMAGING

ANTARES+ provides a multi topography report from the images captured from the built-in digital video camera.

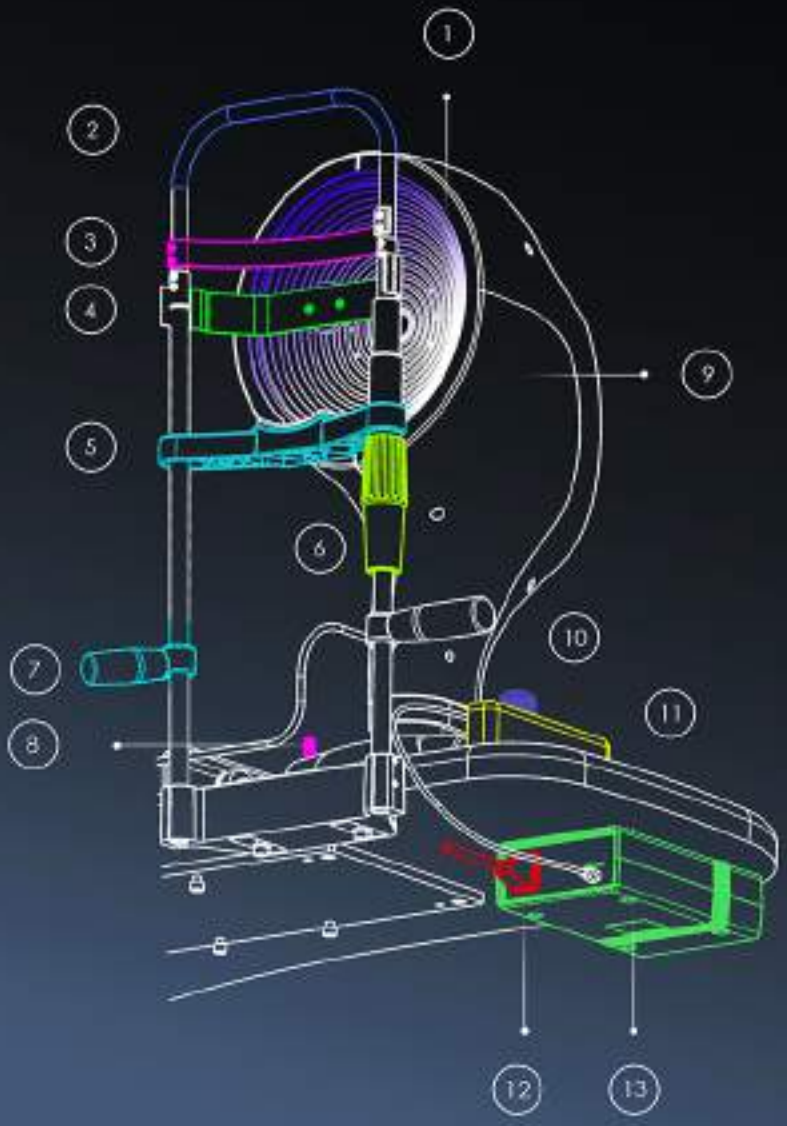
ANTARES+ includes an editing software which allows you to edit edge position for proper reconstruction on all distorted surfaces.

Joystick Push Button – High Resolution Video Camera

New lipid Layer Analysis Diffuser

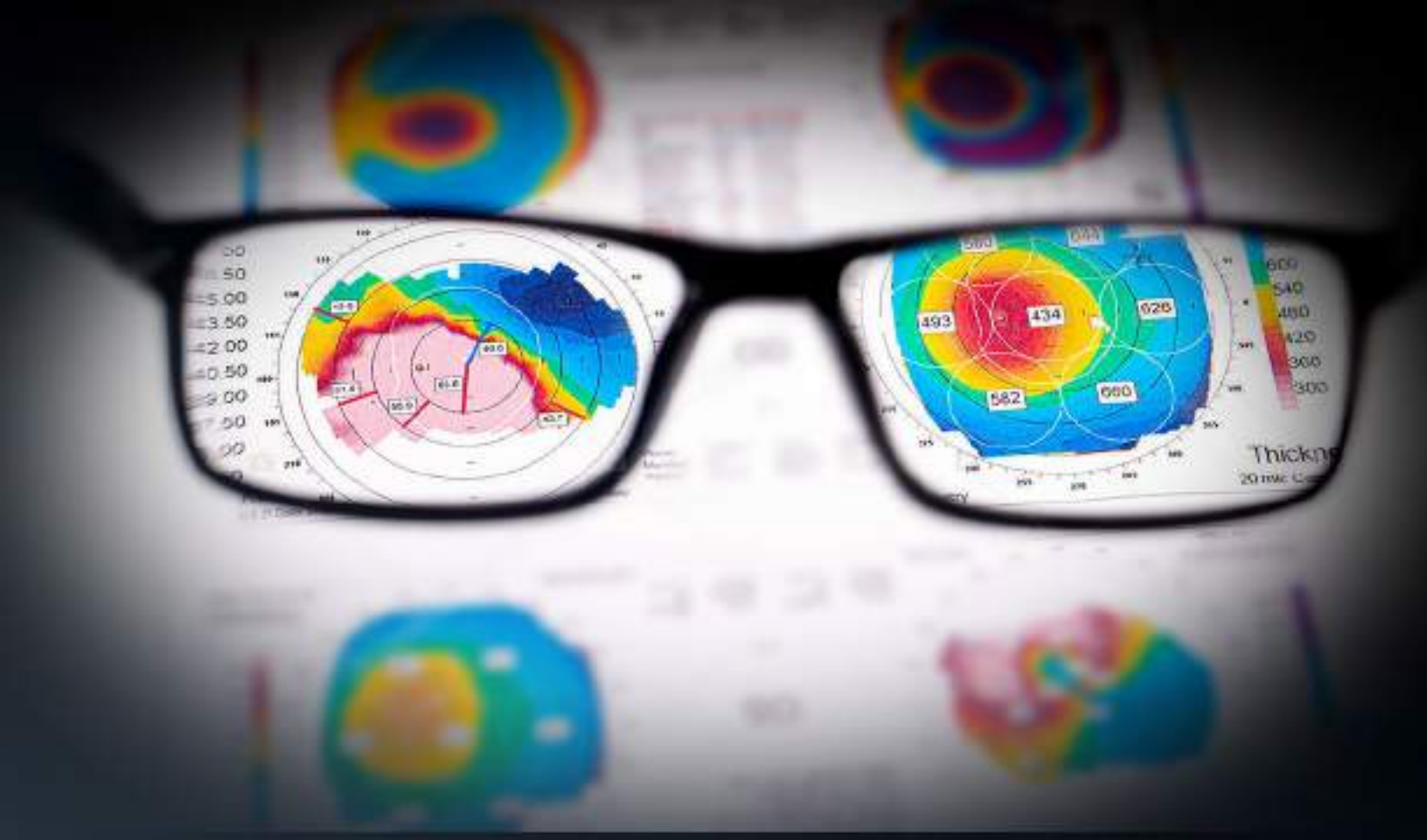


The topography function provides information about the curvature, elevation and refractive power of the cornea.



Product Overview

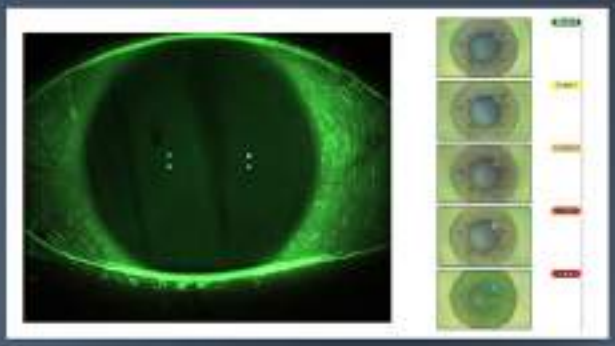
1. Capturing Channel
2. Chin Rest Module
3. Head Rest
4. Calibration Tool
5. Chin Rest Cup
6. Knob Adjuster
7. Patient's Handle
8. Device Blocking Knob
9. Instrument with Placido's Disk
10. Joystick with Capturing Trigger
11. Slide Guide Guards
12. Power Supply Cable
13. Power Supplier

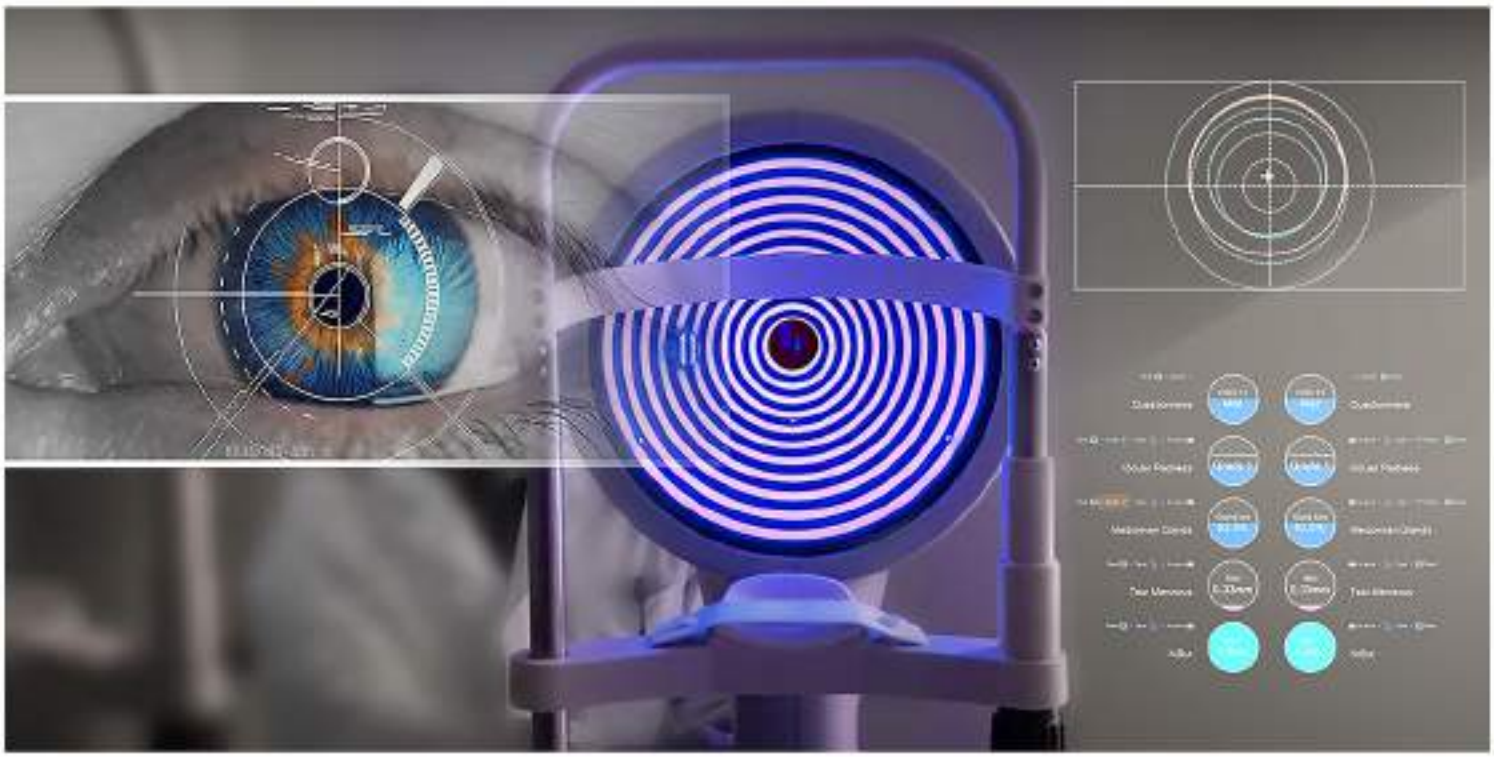


PHOENIX

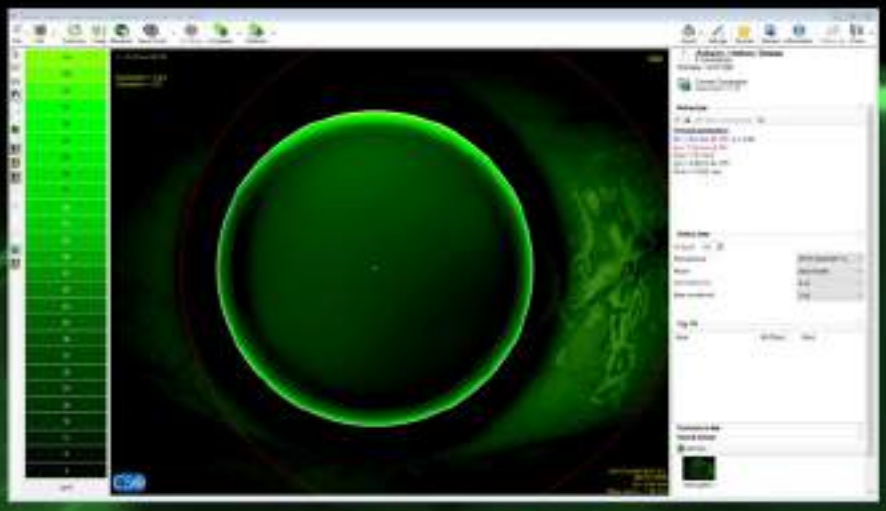
CSO *Interactive Software*

Antares+ uses the Phoenix software platform, allowing all patient data to be saved for future reviews, analysis, and shared by all CSO devices.



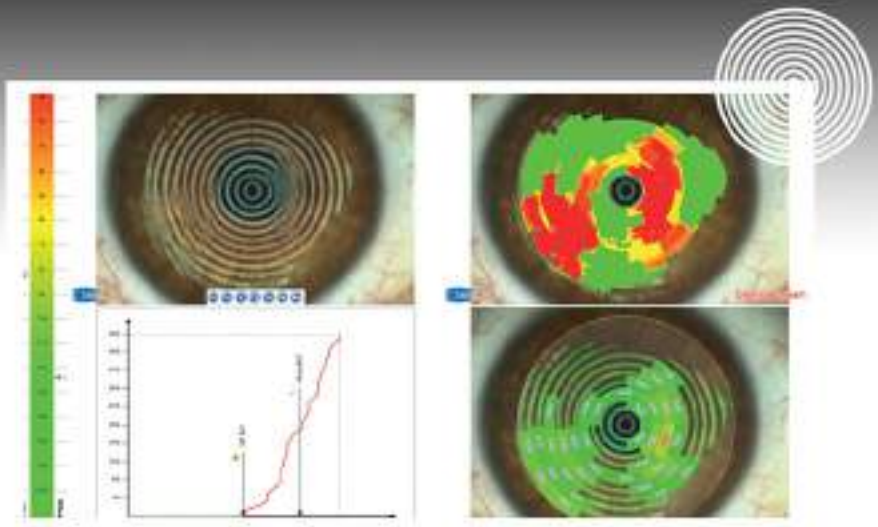


Based on the Ocular Surface Disease Index questionnai- re (OSDI), limbal and conjunctival hyperaemia, Meibomian glands analysis, tear meniscus analysis, NIBUT, and tear osmolarity, calculated merging together all partial scores, provides an owerall evaluation of the clinical condition of the patient for a comprehesive diagnosis of the dry eye disease.



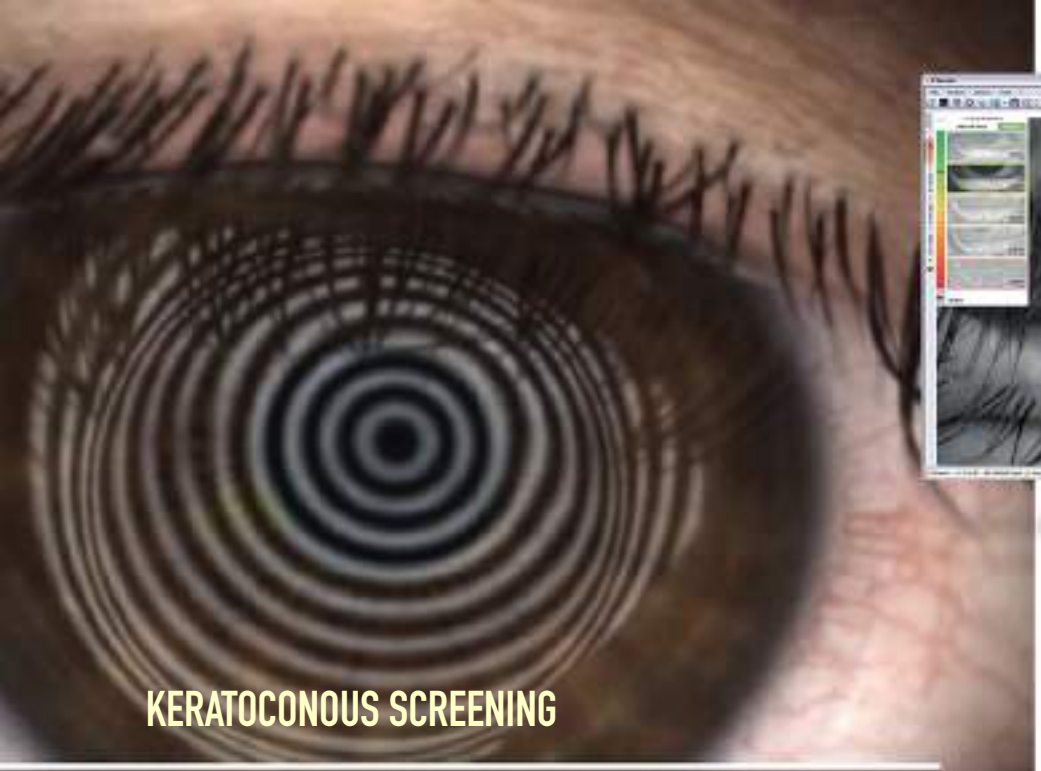
CONTACT LENSES APPLICATION MODULE

A contact lens fitting module is available, which simulates the fit of rigid contact lenses based on an internal database of many lens manufacturers.



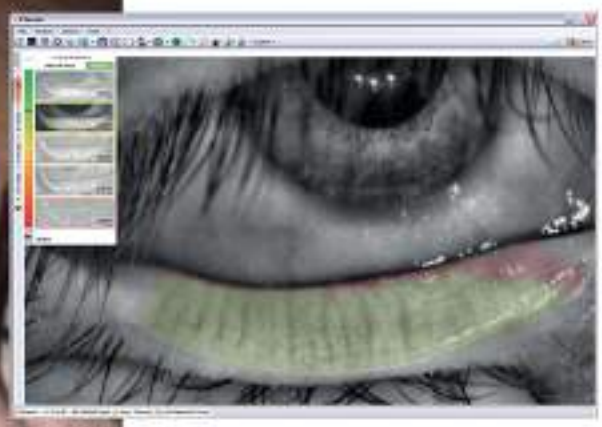
ADVANCED ANALYSIS OF THE TEAR FILM

ANTARES+ Placido disk technology allows for the advanced analysis of the tear film, such as NIBUT (Non Invasive Break-up Time).



KERATOCONOUS SCREENING

Keratoconous screening software, provides the clinician with important information about the patients cornea. Understanding this can help prevent complications asso- ciated with ectasia before corneal surgery is undertaken

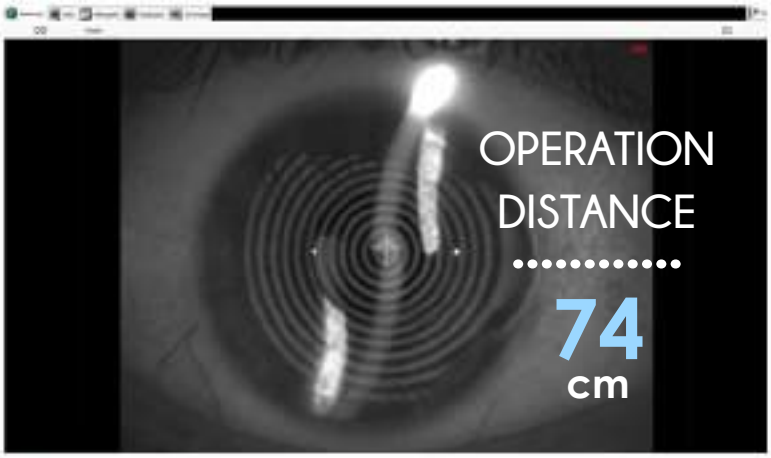


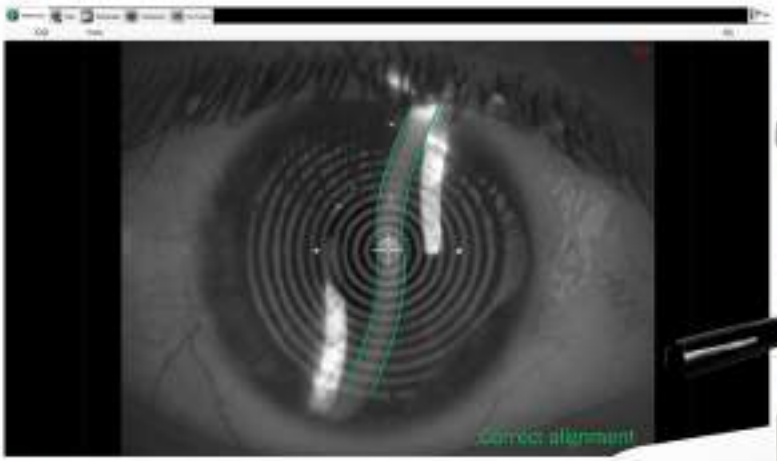
MEIMOGRAPHY

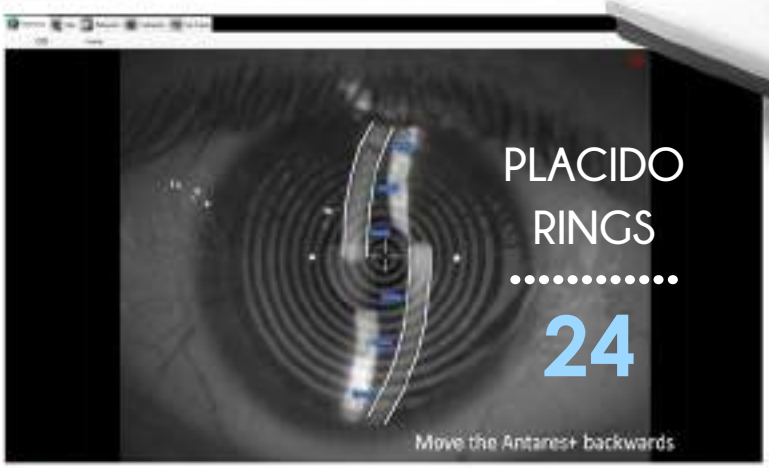
Meibomian glands can be viewed under infra-red light. Once the image is captured, you can use the software to aid in the analysis of the condition of the glands.

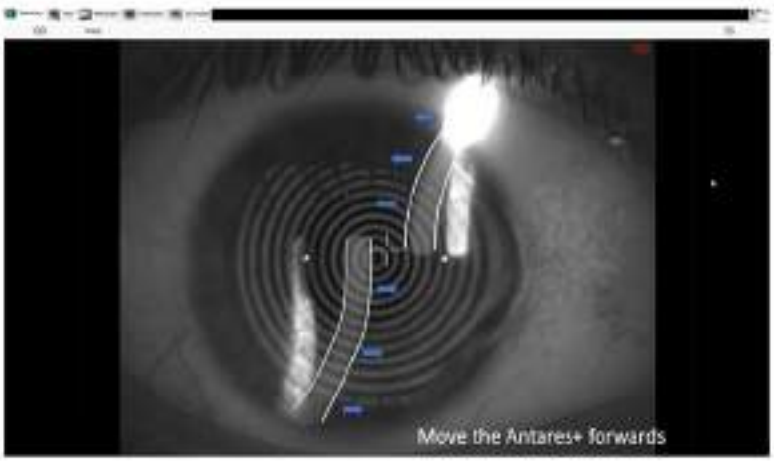
VIDEOKERATOSCOPE

Antares + has white light to capture color images and videos as well as cobalt blue light for the analysis of contact lens fitting with fluorescein. The magnification can be changed allowing the capture of images with a wide visual field such as the tear meniscus and corneal redness. A light diffuser filter (optional) helpsin the analysis of tear lipid layer.



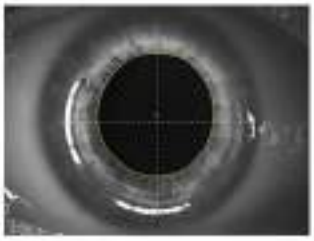






NEW Focusing System

ADVANCED
Pupillography



Antares+ has built-in pupillography measurment softwa- re. The pupil in scotopic measurement (0.04 lux), mesopic (4 lux), photopic (50 lux) conditions and in dynamic modality fast and simple. Knowing the center and the diameter of the pupil, is an essential clinical procedures which seeks to optimize vision quality.

LIFT

LIFT 01
LIFT 02

¨OPTIONAL¨ ELECTRICAL TABLES

SINGLE & DOUBLE | WORK STATIONS

- Power Cable Connection
- Cogged Wheels
- Max Thrust Load: 1400N
- Speed: 10mm/s
- Voltage: 100-240V
- Absorption Max: 1,5A

Antares+
CORNEAL TOPOGRAPHER

ANTARES+ offers an *optional* ophthalmic eletrical tables which allows to place one or more devices on its table top, whose elevation can be adjusted.

LIFT 01

Single Device Workstation

The electric table is composed of a table top where, if requested, cogged guides are ready installed for the device housing. Table top elevation can be adjusted by using the keypad which operates on the elevation telescopic column.

Custom Tabletop Colors

Table Adjusters

Accessory Drawer

LIFT 02

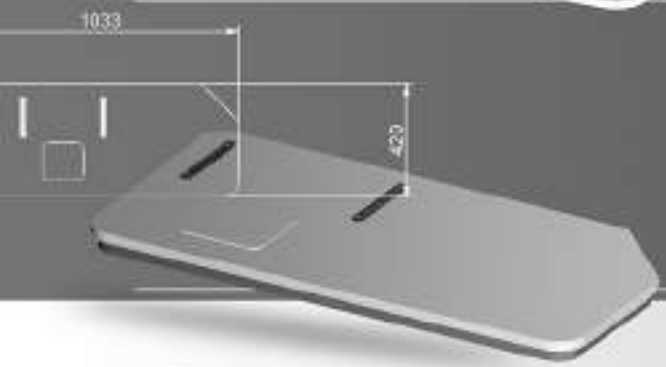
Double Device Workstation

[OPTIONAL]

TABLE TOPS

Model: 100710807

Model: 100710805



Model: 100710803

Model: 100710801

Viewlight's sturdy electrical table features an adjustable workstation which facilitates 1 or 2 instrument configurations at a time and supported with secured on a stable platform.

Tabletop Not Included

- **Anti-Scratch Coating Surface**
- **Max Thrust Load: 1400N**
- **Weight: < 6.5kg**

TECHNICAL
SPECIFICATIONS

CSO Antares+
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DATA TRANSFER	USB 3.0
Power supply	External 24 VCC24 VCC **In:** 100-240Vac - 50/60Hz 0.9-05A **Out:** 24Vdc - 40W
Power net cable	with plug C14
Dimensions (HxDxW)	515 x 315 x 255mm
Weight	6.5Kg
Chin rest movement	70mm ± 1mm
Minimum height (chin cup from table)	24cm
Base movement (xyz)	105 x 110 x 30mm
Working distance	74mm

LIGHT SOURCES	
Auxiliary	White LED @450-650nm
Placido 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
Dioptric measurement range	1D to 100D
Measurement accuracy	Class A according to the UNI EN ISO 19980-2012
Compatibility with standard	DICOM v3 (IHE integration profile EYECARE Workflow)

ACCESSORIES

Light diffuser filter for auxiliary illumination, magnetic lock

MINIMUM SYSTEM REQUIREMENT

PC: 4 GB RAM - Video Card 1 GB RAM (not shared)
Resolution: 1024 x 768 pixels
USB 3.0 type A

Operative System: Windows XP,
Windows 7
Windows 10 (32/64 bit)

FDA