



NEW

Antares+

CORNEAL TOPOGRAPHER





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

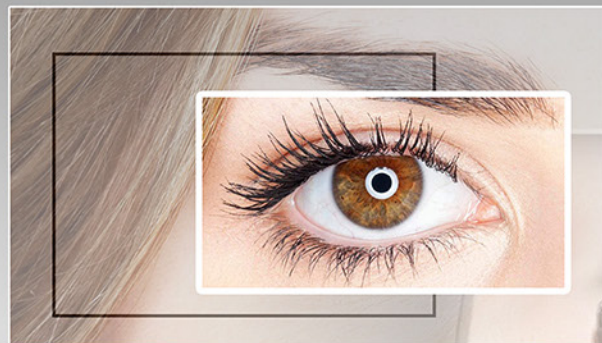


Refractive and Cataract Surgery

IMAGING

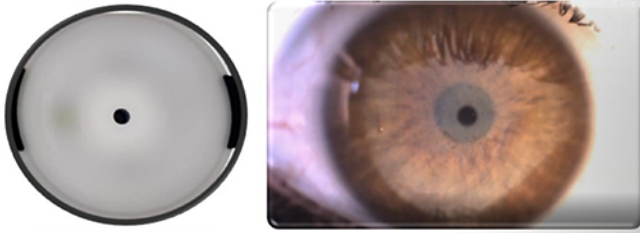
ANTARES+ provides a multi topography report from the images captured from the built-in digital video camera.

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

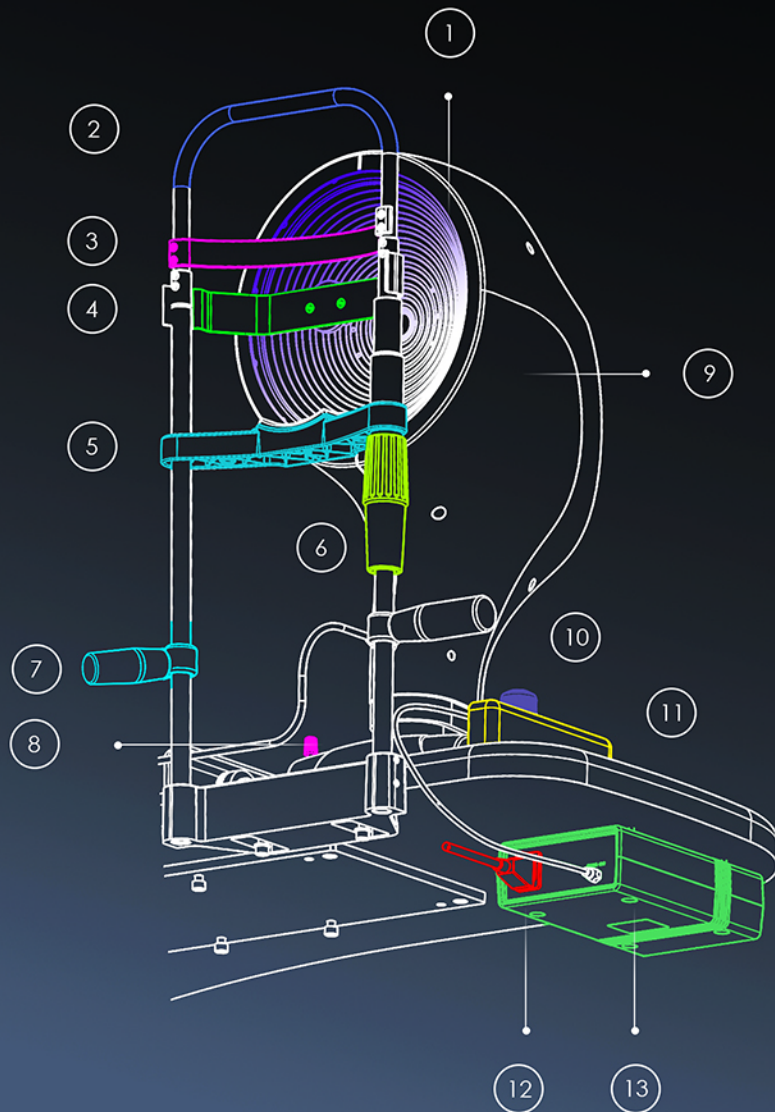
New lipid Layer Analysis Diffuser



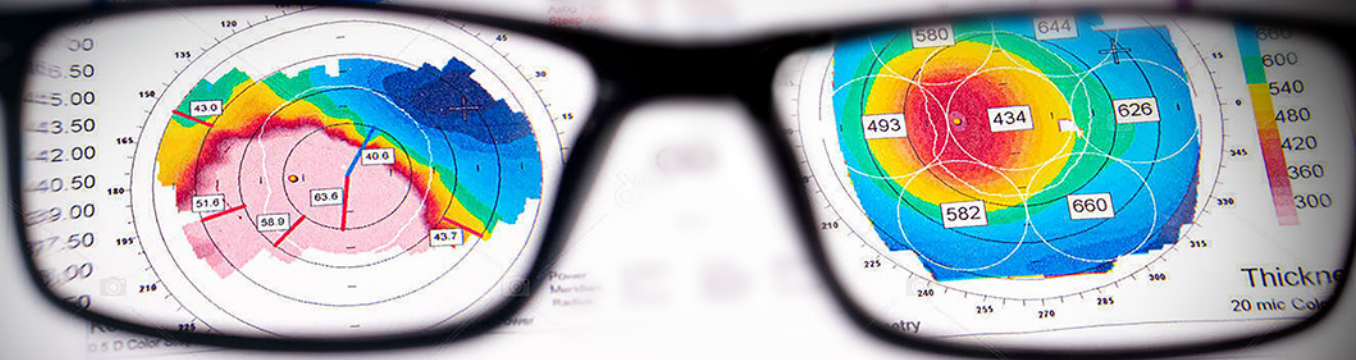
The topography function provides information about the curvature, elevation and refractive power of the cornea.



Product Overview



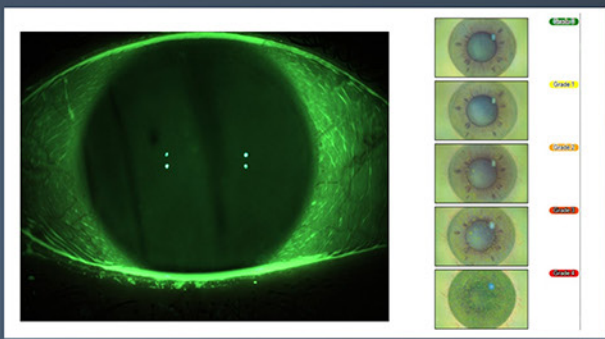
1. Capturing Channel
2. Chin Rest Module
3. Head Rest
4. Calibration Tool
5. Chin Rest Cup
6. Knob Adjuster
7. Patient's Handle
8. Device Blocking Knob
9. Instrument with Placido's Disk
10. Joystick with Capturing Trigger
11. Slide Guide Guards
12. Power Supply Cable
13. Power Supplier



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.



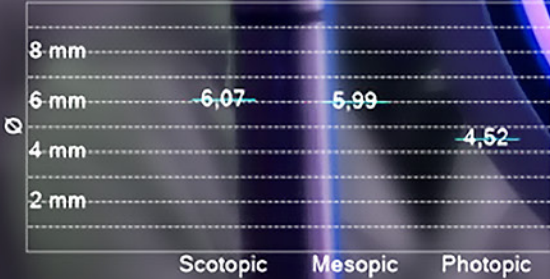
Antares + Imbesi, Simone
 P1564699059
 Birthdate: 14/07/1988

Pupillography
 26/07/2021 12:43

OD

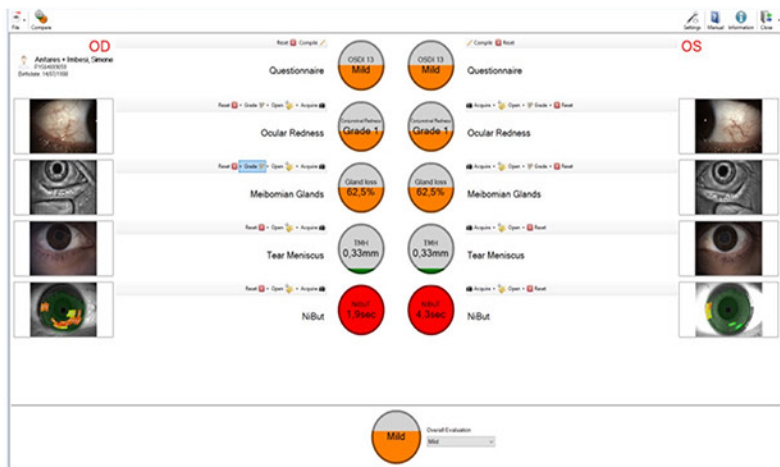
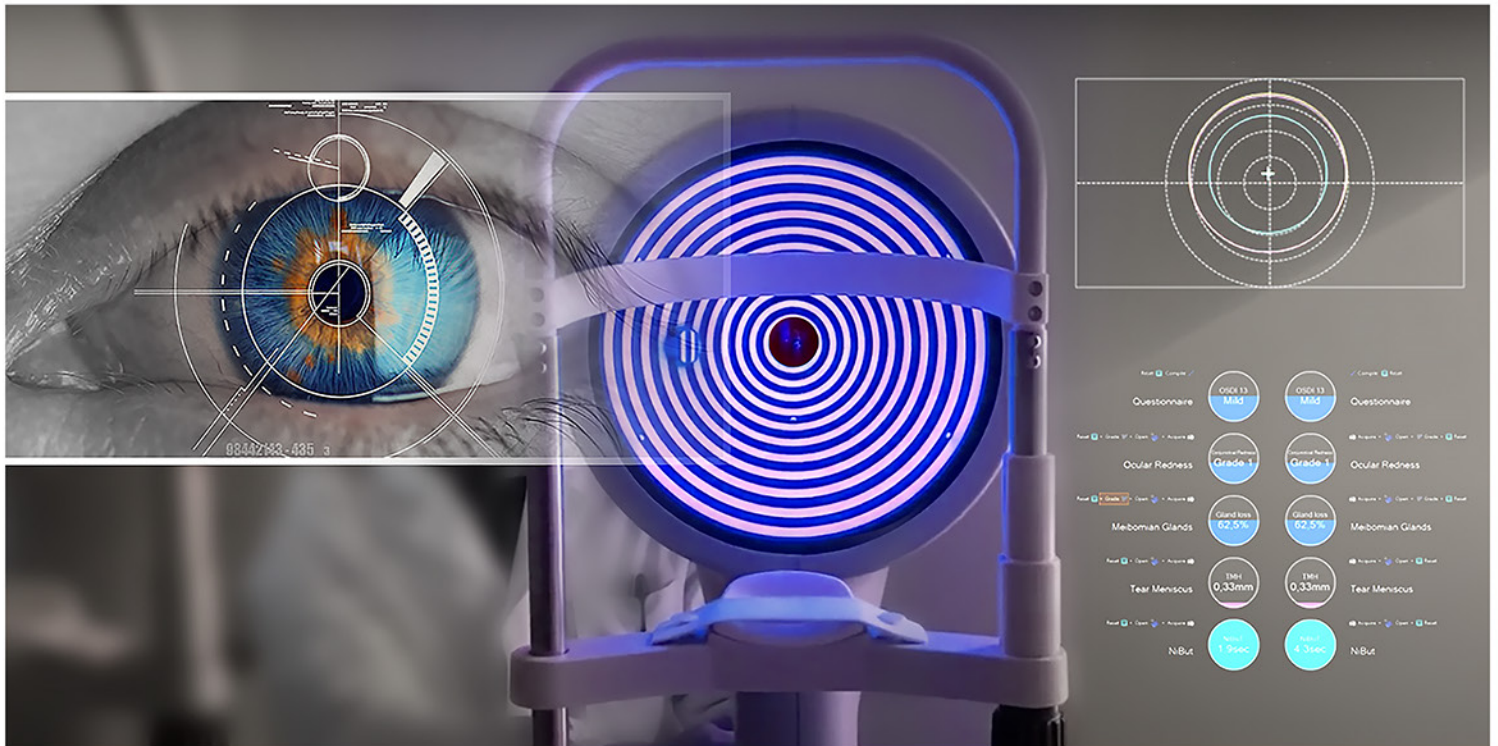
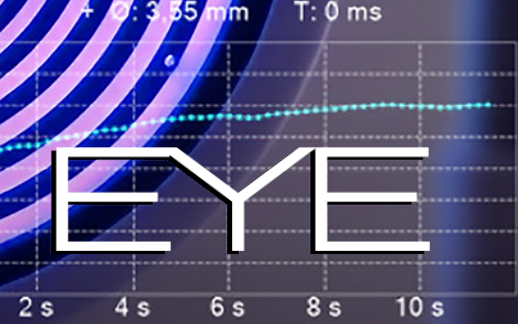
Scotopic (0.04 lux):-0,07 mm,0,39 mm,6,07 mm
 Mesopic (4 lux):-0,08 mm,0,35 mm,5,99 mm
 Photopic (40 lux):-0,07 mm,0,34 mm,4,52 mm

Dynamic
 Ø(O): xc = -0,05 mm yc = 0,36 mm Ø = 3,55 mm
 Ø(N): xc = 0,03 mm yc = 0,38 mm Ø = 6,03 mm

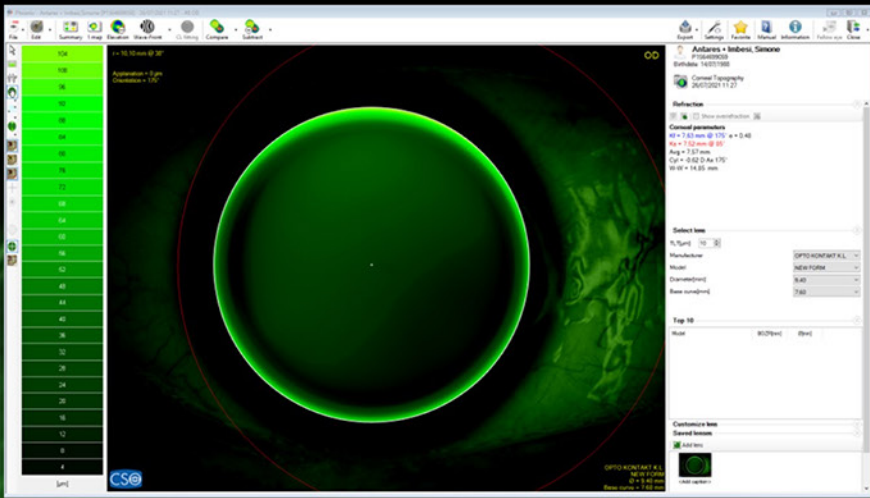


DRY EYE

Report and Analysis

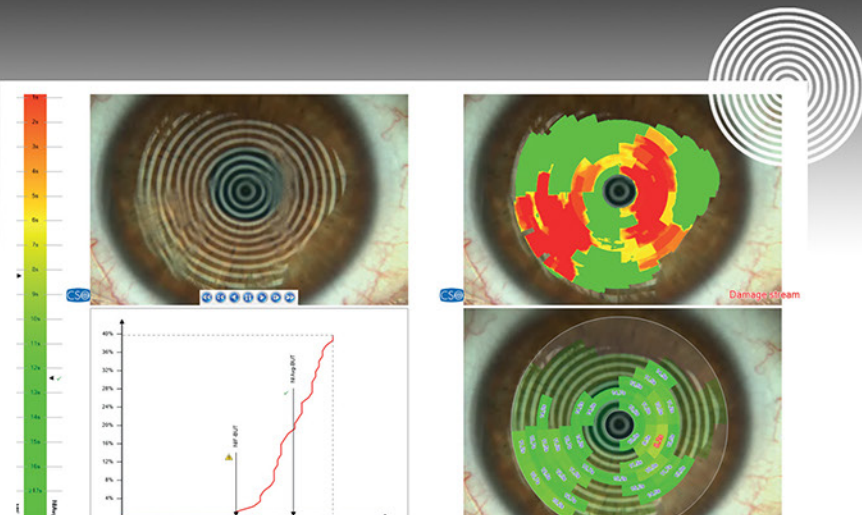


Based on the Ocular Surface Disease Index questionnaire (OSDI), limbal and conjunctival hyperaemia, Meibomian glands analysis, tear meniscus analysis, NIBUT, and tear osmolarity, calculated merging together all partial scores, provides an overall evaluation of the clinical condition of the patient for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



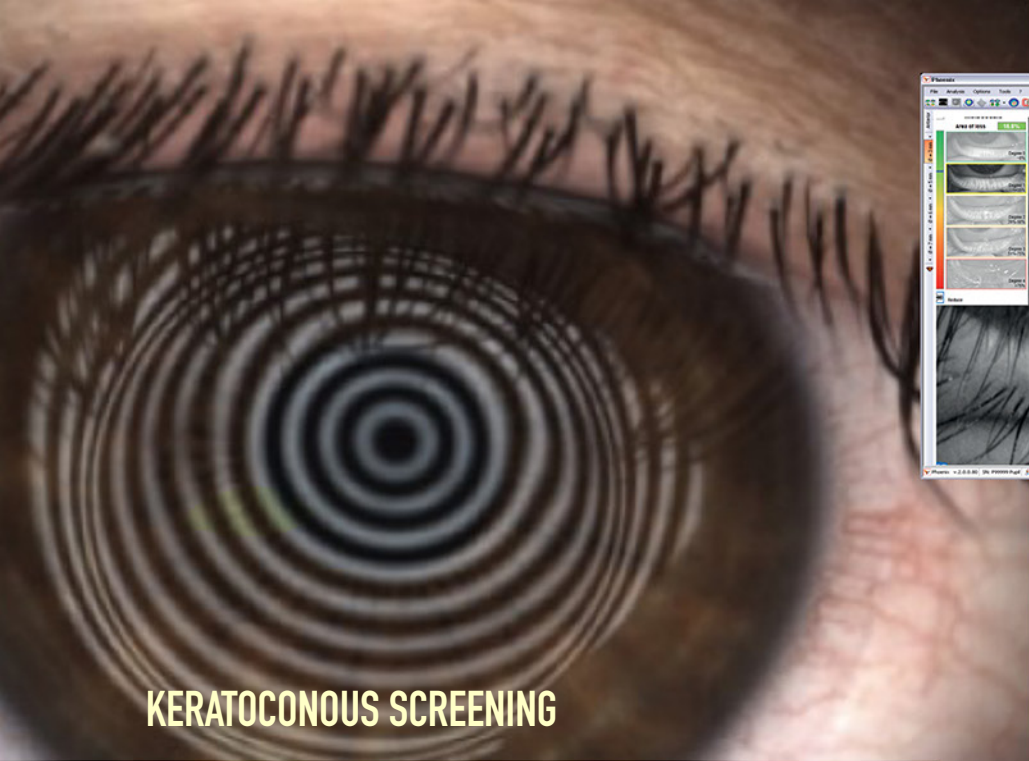
CONTACT LENSES APPLICATION MODULE

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



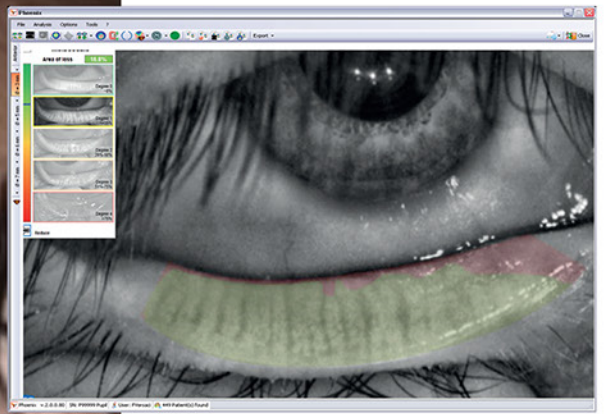
ADVANCED ANALYSIS OF THE TEAR FILM

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



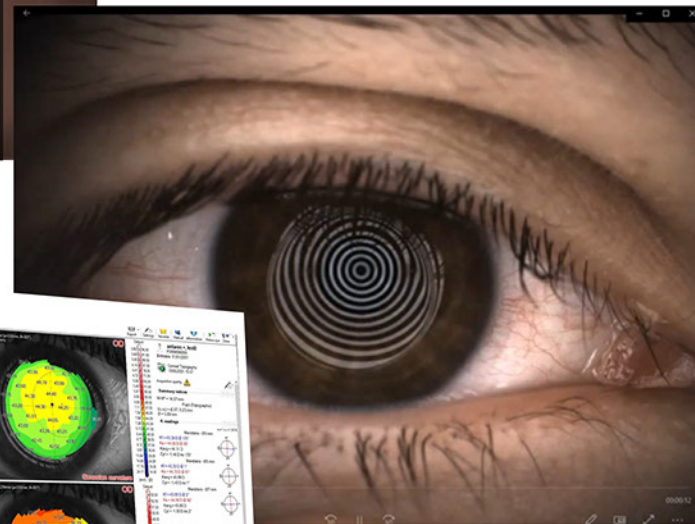
KERATOCONOUS SCREENING

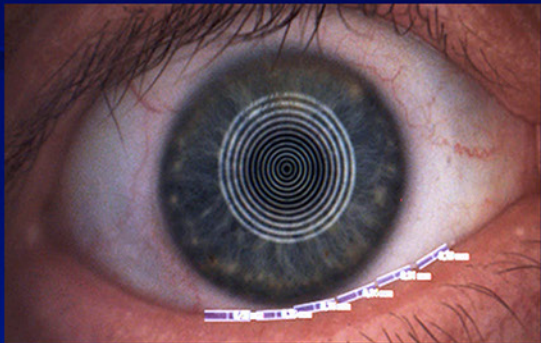
Keratoconous screening software, provides the clinician with important information about the patients cornea. Understanding this can help prevent complications associated with ectasia before corneal surgery is undertaken



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.

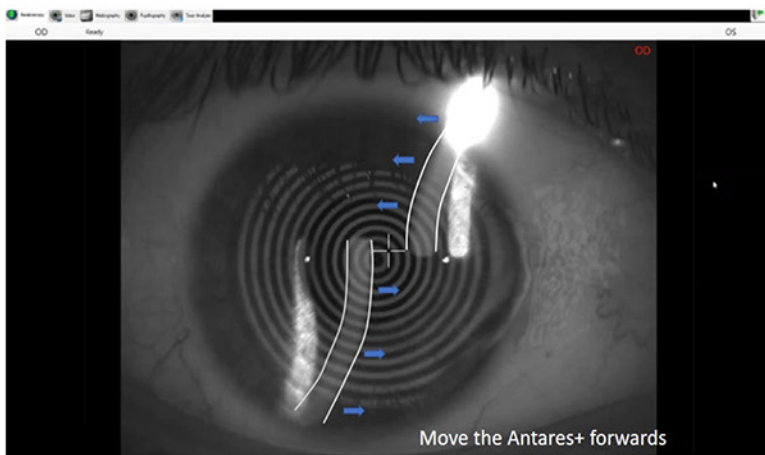
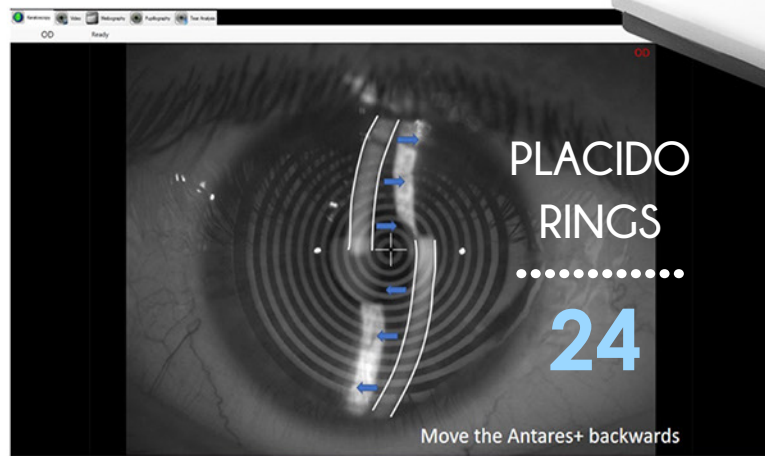
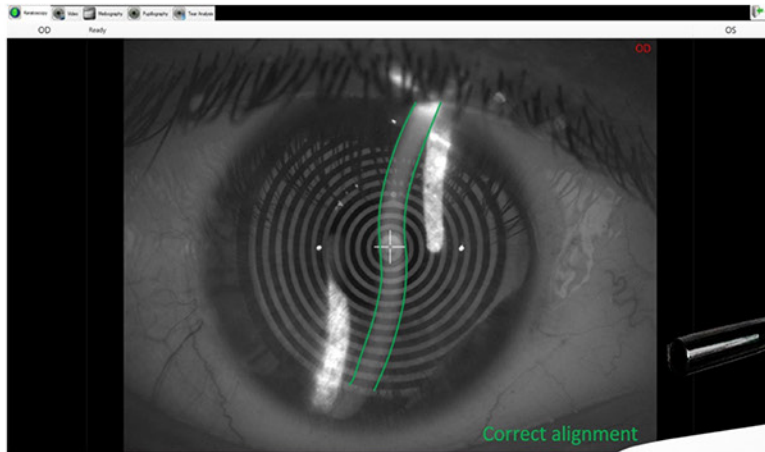
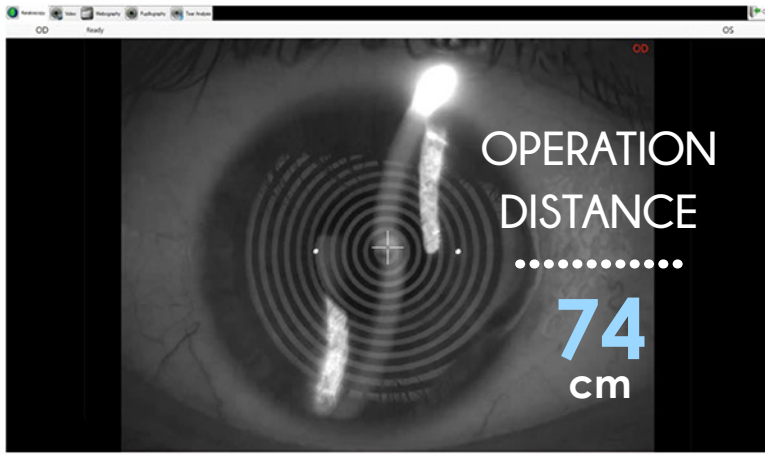




VIDEOKERATOSCOPE

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) helps in the analysis of tear lipid layer.

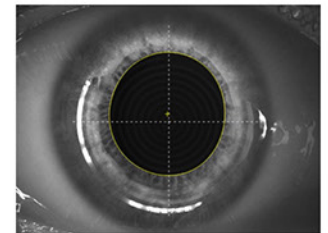




NEW Focusing System



ADVANCED Pupillography

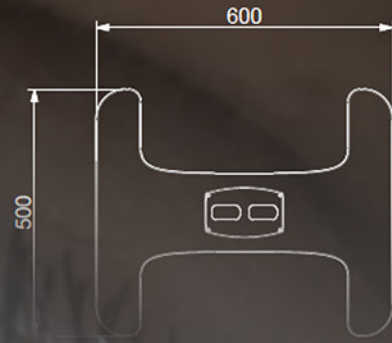


Antares+ has built-in pupillography measurement software. The pupil in scotopic measurement (0.04 lux), mesopic (4 lux), photopic (50 lux) conditions and in dynamic modality fast and simple. Knowing the center and the diameter of the pupil, is an essential clinical procedure which seeks to optimize vision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



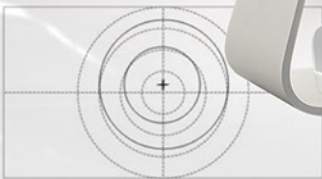
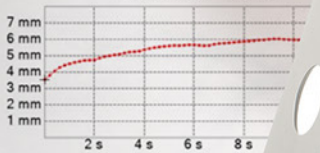
LIFT LIFT 01 LIFT 02

"OPTIONAL" ELECTRICAL TABLES SINGLE & DOUBLE | WORK STATIONS



Pupillography
07/2021 12:43

Dynamic:
 $\varnothing(0):xc = -0,05 \text{ mm}$ $yc = 0,36 \text{ mm}$ $\varnothing = 3,55 \text{ mm}$
 $\varnothing(N):xc = 0,03 \text{ mm}$ $yc = 0,38 \text{ mm}$ $\varnothing = 6,03 \text{ mm}$
+ $\varnothing: 3,55 \text{ mm}$ T: 0 ms



Antares + Imbesi, Simone
P1564699059
Birthdate: 14/07/1988

Pupillography
26/07/2021 12:43

OD

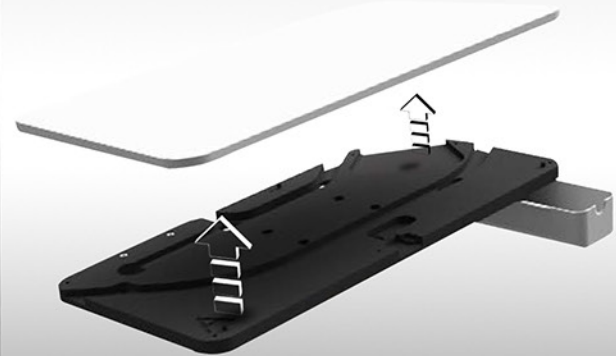
Scotopic (0.04 lux): -0,07 mm, 0,39 mm, 6,07 mm
Mesopic (4 lux): -0,08 mm, 0,35 mm, 5,99 mm
Photopic (40 lux): -0,07 mm, 0,34 mm, 4,52 mm

8 mm			
6 mm	6,07	5,99	
4 mm			4,52
2 mm			
	Scotopic	Mesopic	Photopic

Dynamic:
 $\varnothing(0):xc =$
 $\varnothing(N):xc =$



- 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 electrical tables which allows to place one or more devices on its table top, whose elevation can be adjusted.

LIFT⁰¹

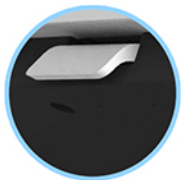
Single Device Workstation



Custom Tabletop Colors



Table Adjusters



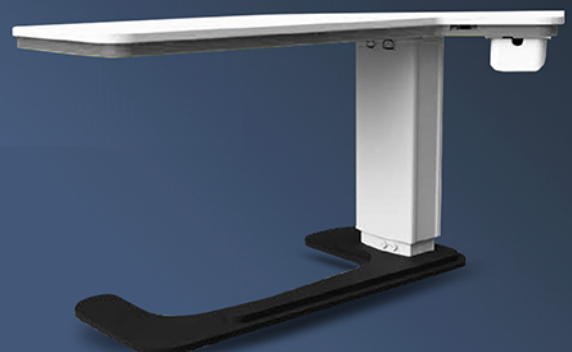
Accessory Drawer



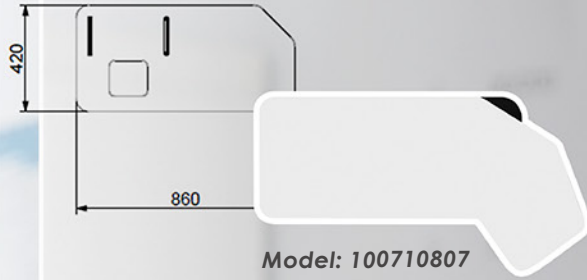
The electric table is composed of a table top where, if requested, cogged guides are ready installed for the device housing. Table top elevation can be adjusted by using the keypad which operates on the elevation telescopic column.

LIFT⁰²

Double Device Workstation



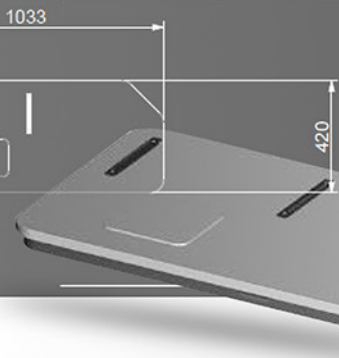
[OPTIONAL]
**TABLE
TOPS**



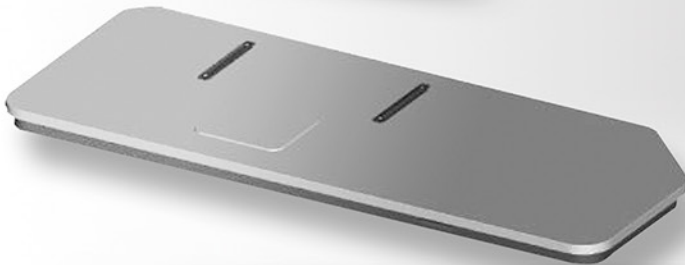
Model: 100710807



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

DATA TRANSFER

Power supply

Power net cable

Dimensions (HxDxW)

Weight

Chin rest movement

Minimum height (chin cup from table)

Base movement (xyz)

Working distance

USB 3.0

External 24 VCC24 VCC In: 100-240Vac - 50/60Hz 0.9-05A
with plug C14 Out: 24Vdc - 40W

515 x 315 x 255mm

6.5Kg

70mm ± 1mm

24cm

105 x 110 x 30mm

74mm

LIGHT SOURCES

Auxiliary

Placido disk

Fluorescein stimulation

Pupillography and Meibography

White LED @450-650nm

LED @450-650nm bianco

LED @470nm

LED @940nm

TOPOGRAPHY

Placido disk rings

Measured points

Topographic covering (at 43D)

Dioptric measurement range

Measurement accuracy

Compatibility with standard

24

6144

10mm

1D to 100D

Class A according to the UNI EN ISO 19980-2012

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)

 **Antares+**
CORNEAL TOPOGRAPHER