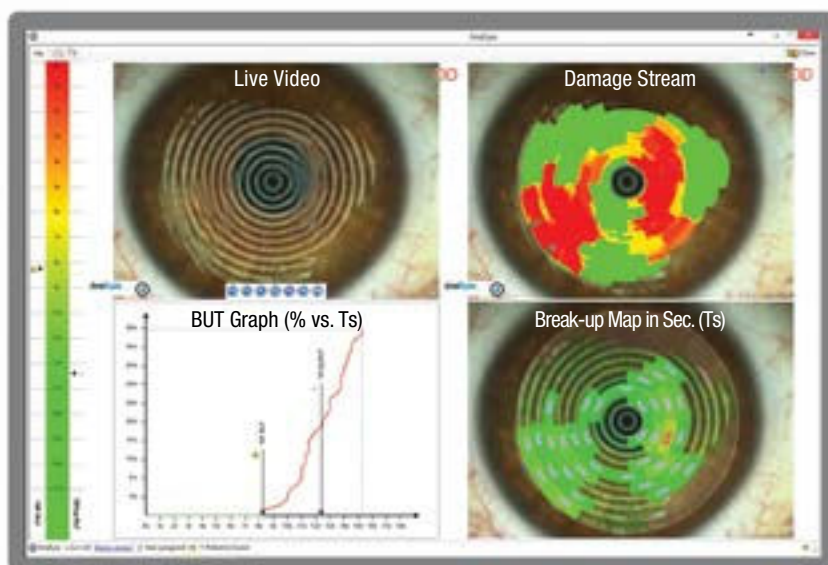


# CORNEA 550



THE COMPLETE SOLUTION  
FOR **PRECISE** DIAGNOSIS  
& **EFFORTLESS**  
DRY EYE ASSESSMENT AND  
CONTACT LENS FITTING



CORNEA 550

CORNEAL TOPOGRAPHER

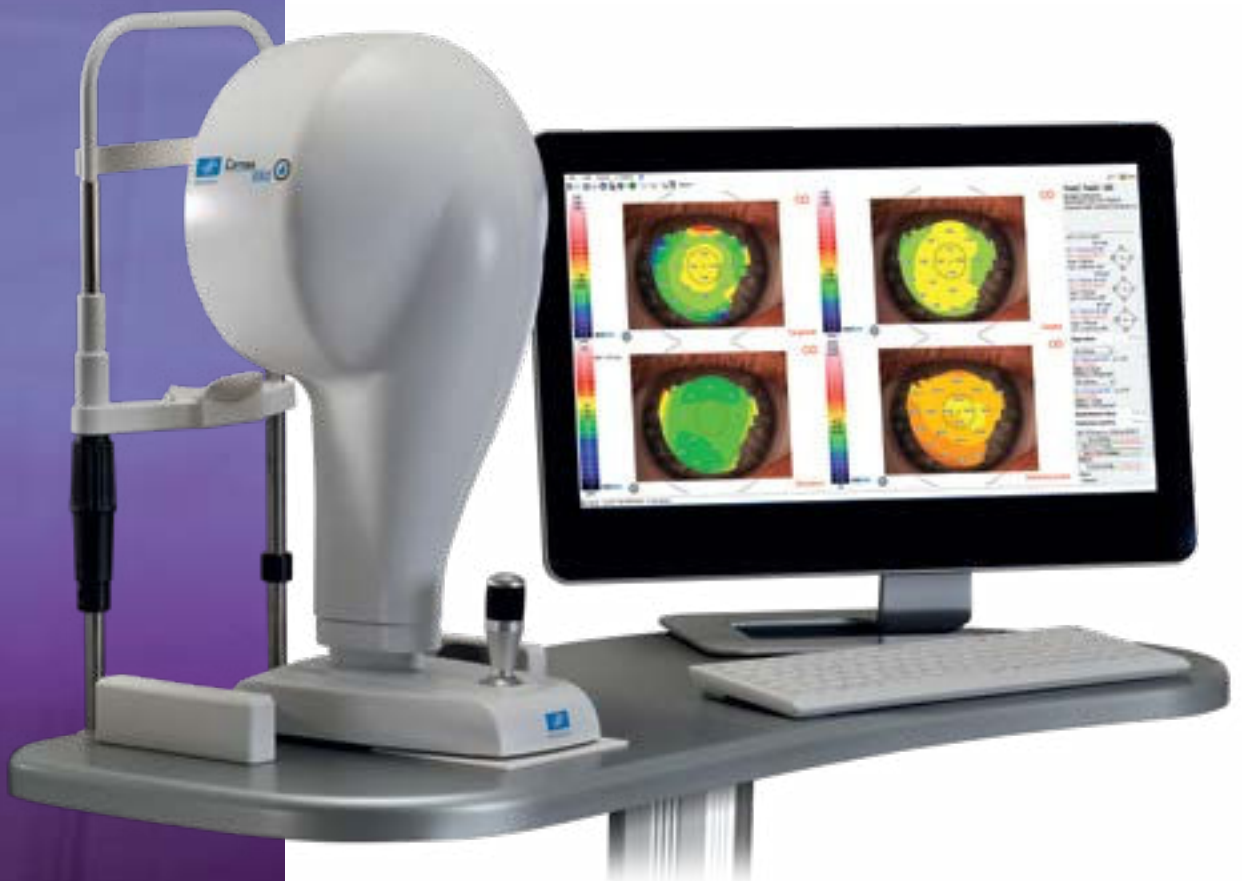
**Optometry**



## CORNEA 550 CORNEAL TOPOGRAPHER

### SPECIFICALLY DESIGNED FOR CORNEA SPECIALISTS

- High-resolution color camera
- Wide array of graphic representations
- Advanced qualitative and quantitative tear film assessment
- Ability to track ortho-K progression and differentials
- Dynamic and static capture pupillometry
- Large contact lens database and autofit function (RGP)
- Independent screen to facilitate the sharing of results
- Infrared pictures, HD pictures and videos for both Meibomian glands and the anterior segment
- Ability to focus on a specific area for analysis

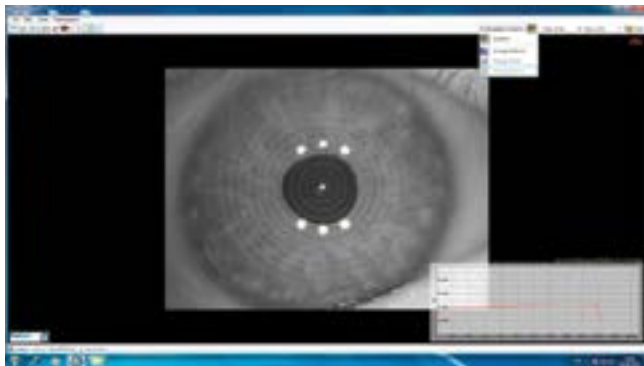




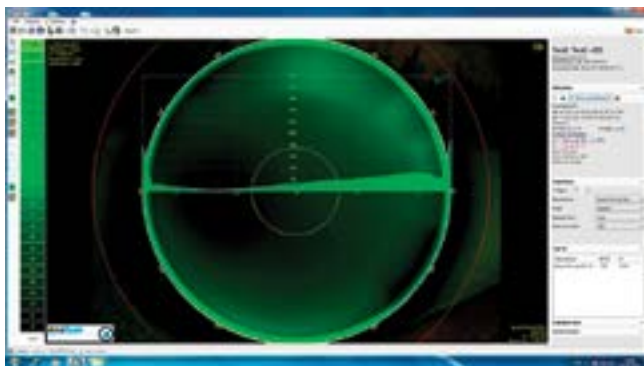
Anterior Segment



Meibography



Pupillography



Autofit

## ADVANCED TEAR FILM ANALYSIS FOR DRY EYE TREATMENT

- Videokeratometry scan of the corneal surface for redness to help assess the eyelids hygiene
- Calculation of the tear meniscus height based on a measured area to evaluate the tear volume
- Non-invasive measurement of the tear film break-up time and the anterior segment
- Assessment of the quality of the tear film
- Meibography with color scale enabling the evaluation of gland loss

## STREAMLINED CONTACT LENS FITTING PROCESS

- Precise evaluation of the corneal surface and wide variety of graphic presentations.
- Rapid and easy selection of the best lens thanks to fluorescein image simulation and integrated database which includes lenses from 27 brands.
- Dynamic and static capture of the pupil reaction according to light conditions (scotopic, photopic, mesopic).



## VALUABLE TOOL TO FACILITATE COMMUNICATION

- Efficient way to share information thanks to the wide and high definition screen.
- Comprehensive and easy-to-understand graphic representations to enhance your expertise.

## SPECIFICATIONS

Light Source	<ul style="list-style-type: none"> <li>• White light for corneal topography and videokeratoscopy.</li> <li>• Blue light (470 nm) for pictures and video in fluoresceine.</li> <li>• IR LED (890 nm) for pupillography and meibography.</li> </ul>
Digital Camera	Color, high resolution (1024x960)
Working distance	78mm

### CORNEAL TOPOGRAPHY:

Number of rings	24
Number of measuring points	6144
CL data base	Yes
Simulations	Yes
Technology	Big cone
Method	Placido rings

### FEATURES

Meibography	Yes
Pupillography	Yes
Auto Fit	Yes
Tear film analysis	Yes
Corneal Aberrometer	Yes
Anterior segment picture and video	Yes

### CONNECTIVITY

Cable	USB3 required
EMR/EHR	AnaEyes software, PDF, JPG, BMP and AVI export formats
System software requirements.	<ul style="list-style-type: none"> <li>• Windows® XP Home SPK3</li> <li>• Windows® XP Professional SPK3</li> <li>• Windows Vista® 32 bit Home premium</li> <li>• Windows® 7 Home and Pro 32 bit and 64 bit.</li> </ul>
Minimum PC desktop hardware requirements.	Intel® Pentium Dual Core™, 2.00 GHz processor; 2 GB RAM; Firewire 1394A board OHCI 1.1 compatible; Video board – 512 MB RAM (not shared), 1280x1024 pixels resolution.

### DIMENSIONS AND WEIGHT

Size	12.6 (L/D) x 8.0 (W) x 20.0 (H) in.
Weight	13 lbs (approx)

### OTHER

Power Supply	100-240 V AC, 50/60 Hz
Power Consumption	24V power supply 48 Watts - 2.0 Amps

*As improvements are made, these specifications and pictures are not contractually binding and may be changed without prior notice.*

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Essilor Instruments USA  
8600 W. Catalpa Avenue, Suite 703  
Chicago, IL 60656 - USA  
Phone: 855.393.4647  
Email: info@essilorinstrumentsusa.com  
www.essilorinstrumentsusa.com

Your local distributor: