

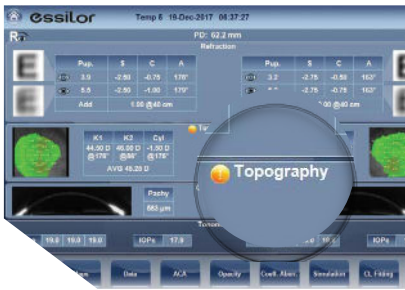
WAM 700⁺

WAVE ANALYZER MEDICA

FULLY-AUTOMATIC SOLUTION FOR COMPLETE ANTERIOR CHAMBER ANALYSIS AND VISION NEED ASSESSMENT

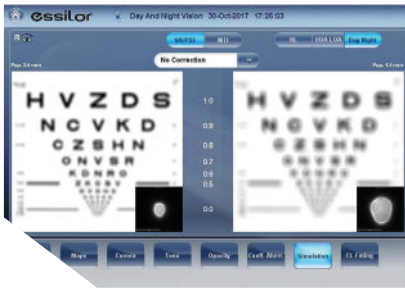
The Wave Analyzer Medica 700+ is a very intuitive, rapid and fully-automatic solution combining seven functions to simplify screening of patients' eye wellness and provide detailed measurements for vision solution recommendations.

OPTIMIZED COMPREHENSIVE EYE WELLNESS SCREENING



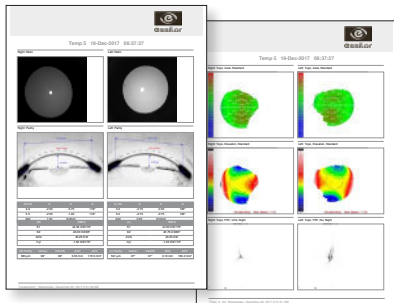
- Glaucoma screening with improved tonometry using fixation point and IOP value automatically corrected according to corneal thickness
- Crystalline lens opacity check for cataract screening
- Keratoconus detection with topography analyzing over 100,000 points on cornea.
- New measurement reliability indicators for secured screening

COMPLETE PATIENTS' VISION SIMULATION

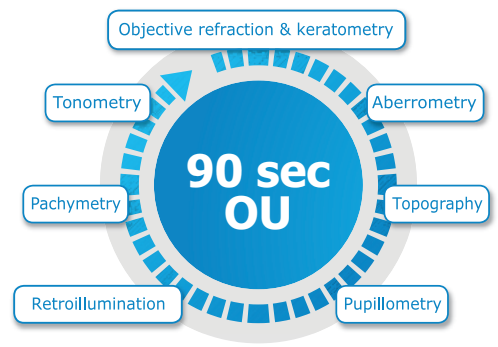


- Automated correlation between pupil diameter and objective refraction in different lighting conditions for precise need assessment
- Easy-to-show day/night simulation of patients' vision with/without glasses to highlight the myopic effect at night
- Comprehensive summary of high order aberrations coefficients to highlight the glare effect at night

AN ASSET TO STREAMLINE PRACTICE WORKFLOW



- Intuitive navigation and exam workflow with 10.1" touchscreen
- Clear and customizable by the practitioner Eye Wellness results reports
- Easy XML-based data and images sharing



SPECIFICATIONS

AR AND POWER MAPPING (WAVEFRONT)

Sphere: -20.00D to +20.00D

Cylinder: 0D to +8D

Axis: 0° to 180°

Minimum measurable pupil diameter: 2 mm

Number of measuring points: Up to 1,500 points

Acquisition time: 0.2 sec

Method: Shack-Hartmann

PACHYMETRY, IC ANGLE AND PUPILLOMETRY

Pachymeter Range - Resolution: 150-1300 μm (+/- 1 micron)

IC angle range / IC resolution: 0°-60° / 0.1°

Pupil Illumination: Blue light 455 nm

Method: Scheimpflug

CORNEAL TOPOGRAPHY

Number of rings: 24

Number of measuring points: 6,144

Number of analyzed points: More than 100,000

Covered corneal area at 43D (ϕ):

From 0.33mm to more than 10mm

Diopters measured field: From 1 to 100

Repeatability: 0.02 D

Method: Placido rings

TONOMETRY (WITH FIXATION POINT)

Measurement Range: 1 mm Hg to 50 mm Hg

SYSTEM

Screen: 10.1" Multi-touch screen

Dimensions and weight: 12.6 (W) x 21.8 (D) in - 60 lb

Power supply: 100 - 240 V AC, 50/60 Hz

Integrated printer: Yes

External output terminal: RS232 / USB / VGA / LAN

Operating system: Windows 10

CE Conformity marking

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



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