

SINCE
1993

ECHOSON
ULTRASOUND SCANNERS

ECHOSON



MADE IN POLAND



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BIOMETRIC SCANNERS
CCT - PACHYMETER

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CORNEA Thickness, IOP , GLAUCOMA

SPECIFICATIONS:

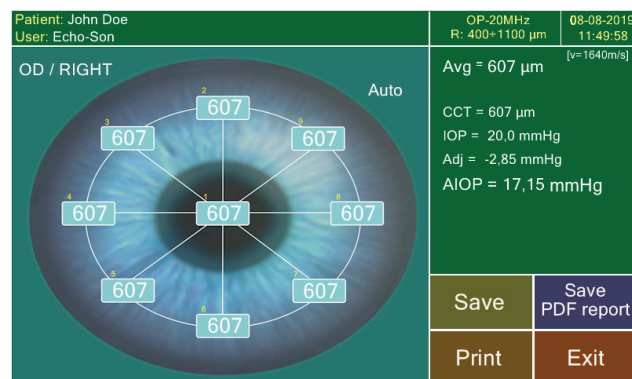
- Probe frequency: 20 MHz - OP-20
- 400 MHz sampling rate
- 1640 m/s default speed (adjustment range from 1400 to 2000 m/s)
- Range from 220 μm to 1100 μm
- Accuracy: $\pm \leq 2 \mu\text{m}$
- Resolution: 1 μm



FEATURES:

- Quick measurements of thickness for all corneal types
 - measurement of thickness at arbitrarily selected points of the corneal surface
 - automatic and manual measurements
 - calculation of the mean; standard deviation of the measured thickness
 - ability for rejecting uncorrected measurements
- Intra-ocular pressure (IOP) calculations with measuring and/or manual correction
- Seven IOP correction formulas: (Kohlhas/Shah, Doughty, Whitacre et al., Argus, Dresen, Stodmester, Ehlers, 3 customs - own)

- Dimensions: 195 x 115 x 50 mm
- Weight: 0,47 kg
- Power supply: 12V DC from external power AC adapter



GENERAL PROPERTIES

- Touch Screen
 - easy, ergonomic and user-friendly operation via displayed menu
 - virtual keyboard for entering patient data, etc.
- Color LCD 7" display, 800x480 pixel
- Ten (10) user profiles
- Recording of images in external USB-Pendrive memory
- Easy firmware upgrade via USB port

