

BIOMETER OAS 1000



Features

- High Light Large Colour TFT with Touch-screen
- Small, Lightweight Masterpiece
- User friendly Interface
- 5 Programmable User Profiles
- Optional Pachymetry Mode
- Obtain fast and Accurate Scans
- Unique Immersion Technique
- Echoes View
- 6 Formulas for IOL
- Automatic Gain Control
- USB and Mouse Port
- Built-in Printer
- Mass Data Storage
- Portable

Specifications

Probe	10 MHz solid internal fixation light
Electronic Resolution	0,04 mm
Measuring Range	15-40 mm
Measurement Mode	Manual, Auto 1, Auto 2
Measurement Method	Immersion or Contact
Eye Types	Phakic, Dense Cataract, Aphakic and Pseudophakic materials(PMMA, Acrylic and Silicone)
Amplifier Gain	Automatic
Velocities	Specific for eye segments(ACD Lens, Vitreous) and easily adjusted
IOL Formulas	HAIGIS, HOFFER-Q, HOLLADAY, BINKHORST-II, SRK-II, SRK-T, 2 different IOL calculated simultaneously, 9 values bracketed ametropia for each lens
Calculation Accuracy	0,01 D
IOL Style	Auto-setting of A-constant, ACD value and SF value are possible by specifying the IOL style
Display	Large color TFT with touch-screen
Memory	Stores thousands of data for eyes
Printing Function	Built-in graphic thermal printer
Port	USB or Mouse
Power Supply/ Power /Frequency	AC 100-240 VAC / 45 VA Max / 50 ~ 60 Hz
Dimensions/ Weight	340 (w) 365 (D) 325 (H) / 3,0 kg

Corneal Thickness Measurement (Option)

Probe	20 MHz solid probe
Pachymetry Accuracy	≤0,5µm
Measuring Range	150-1300 µm
Minimum Display Unit	1µm