Ray Vision

AS-200

A-Scan Ophthalmic Ultrasound

- High Light Large colour With touch screen
- 5 Programmable User Profiles
- User Friendly Interface
- The optional pachymetry mode
- Unique Immersion Technique
- Echoes View
- 6 Formulas for IOL
- Automatic Gain Control
- USB and Mouse port
- Built-in Printer
- Ultra-Portable/Mass Data storage

SPECIFICATIONS:

Axial Length Measurement

Probe： 10MHz solid Internal fixation LED
Measuring Method: Manual,Auto1 (single Measurement)
and Auto2 (continuous Measurement)
Measurable Value: Axial length, Anterior chamber depth,
Lens thickness, Vitreous length,
automatic calculation of standard deviation,
average value
Eye types: Phakic, Dense Cataract, Aphakic and correct
Velocities for Pseudophakic
materials (PMMA,ACRYLIC and SILICONE)
Points on x-axis: 2048
Bits of resolution: 256
Electronic Resolution: ±0.04mm
Measuring Range: 15-40mm
Amplifier Gain: 0-99dB
Minimum Indicated Unit: 0.01mm
Velocities: Specific for eye segments（ACD, Lens, Vitreous)
and easily adjusted

IOL Calculation

IOL Formula: HAIGIS ,HOFFER-Q, HOLLADAY, BINKHORST, SRK-II, SRK-T
2 different IOLs calculated simultaneously 9values bracketed
for desired ametropia for each lens.
Calculation Accuracy: 0.01D
IOL Style: Auto-Setting of A-constant, ACD value and SF value are possible
by specifying the IOL style.

Corneal Thickness Measurement (Option)

Probe: 11MHz solid probe (non-gel type)
Tip Diameter: 1.5mm
Accuracy:0.5μM
Measuring Range: 200-1300μm
Minimum Indicated Unit: 1μm
Measured Part: Corneal thickness up to 33 points can be memorized

Display

Large TFT colour Large touch screen

Memory

Stores thousands of data for eye

Printing Function

Built-in Graphic printer (Thermal type)

USB connection to U- Disk
USB and Mouse port
Power Requirements:
AC100-240V 50 / 60Hz, 45VA Max
Dimensions / Weight:
240(W)×130(D)×205(H)mm / 1.7kg

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