

ULTRASOUND SCANNER

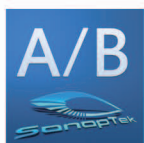
SP-2000

- Compact Body , Light Weight.
- One Station Working Platform.
- Integrated Image Capture.
- Integrated Patient Management.
- Integrated Report Edit.



SonopTek Product

Ophthalmic Ultrasound A-Scan/B-Scan



Innovative, High-Quality Ophthalmic Instruments



ULTRASOUND SCANNER

SP-2000

Ophthalmic Ultrasound A-Scan/B-Scan



SP-2000 SPECIFICATION

1. General

Modules:

Ophthalmic Ultrasound B-Scan Ophthalmic Biometry A-Scan

Features:

USB Connection Integrated Image Capture
Integrated Patient Database Integrated Report Editor

2. A-Scan

Scan Modes:

Contact / Immersion

Examination Modes:

Normal Dense Cataract
Aphakic Pseudophakic (PMMA, Acrylic, Silicone)

Measurements:

AXL, ACD, Lens and Vitreous Individual Segment Velocities
Average and Standard Deviations for AXL, ACD, Lens & Vitreous

Specifications:

Clinical Accuracy $\pm 0.1\text{mm}$ Electrical Accuracy 0.0375mm
IOL Calculation in 0.5D Increments

IOL Calculation Formulas:

SRK-II SRK-T
Binkhorst-II Holladay
Hoffer-Q Haigis (Standard)

A-Scan Probe:

Hand-Held, Immersion or Slit Lamp Mounted Applicable

3. B-Scan:

Scan Modes:

B Mode B+A Mode B+B Mode

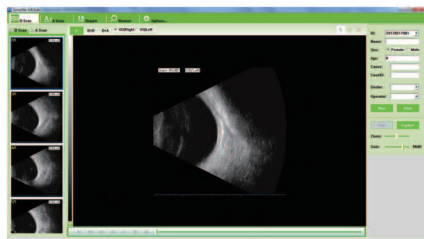
Features:

Adjustable Zoom, Gain Variable Gain Control
Capture of Frames and Cline Loops Available.
256 Levels Gray Scale Clinical Resolution: 0.1mm

Probe:

Transducer Frequency: 12.5MHz 53° Sector Scanning Method

Workstation



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