

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



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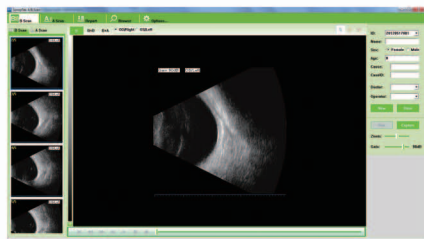
Ophthalmic Ultrasound A-Scan/B-Scan



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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