



Ophthalmic B Scanner

Ophthalmic A Scanner

Good performance!



SAB-200 Ophthalmic A/B Scanner



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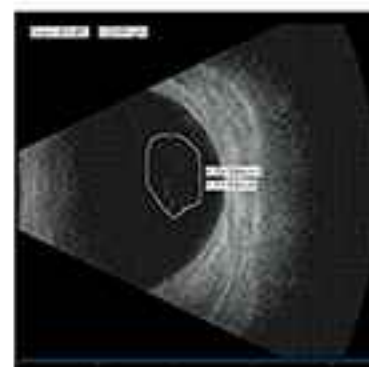
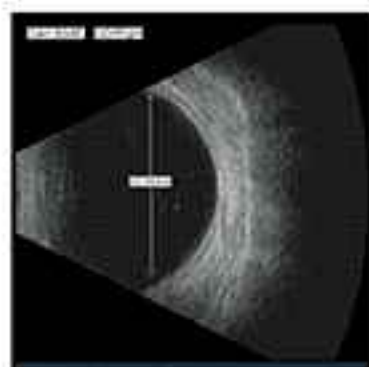
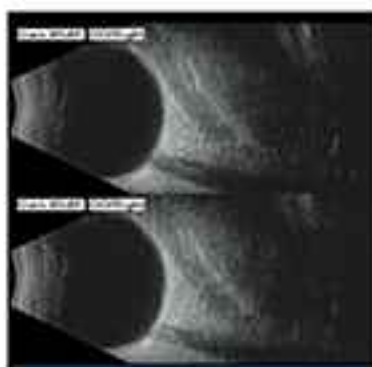
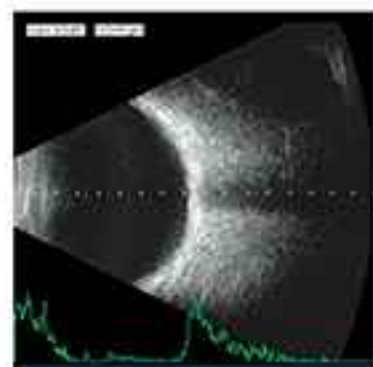
Compact Body, Light Weight.
One Station Working Platform.
Integrated Image Capture.
Integrated Patient Management.
Integrated Report Edit.





Ophthalmic A/B Ultrasound Scanner

with normal, vitreous body enhancement, retina observation mode, mainly used for diagnosis of intraocular diseases, display the location, shape range of the focus of infection and the relationship with the surrounding tissue. Can be diagnosed vitreous opacity, retinal detachment, eye base tumors etc. eye diseases. A scan is used to measure anterior chamber depth, lens thickness, axial length, calculate diopter of implant IOL as well.



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	

