

SAB-500EC2015/A0



Touch Screen!



CE 

SAB-500 Ophthalmic A/B Scanner



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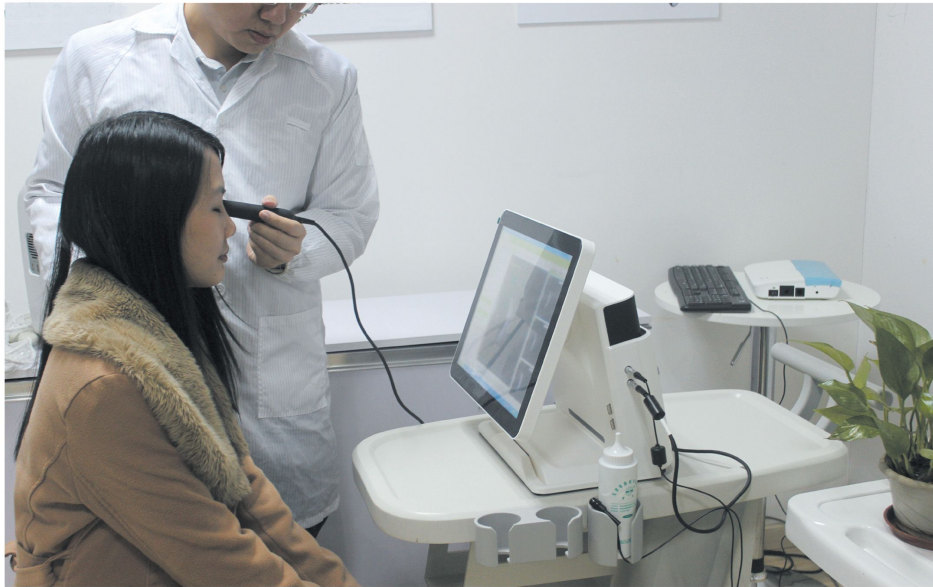
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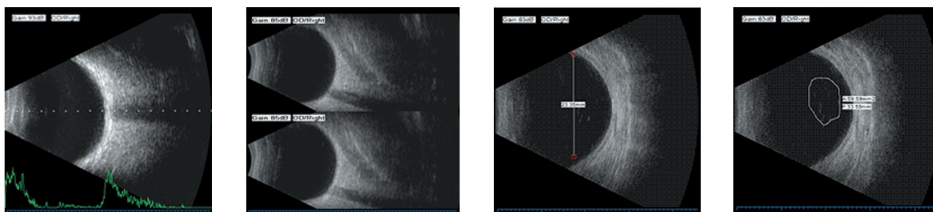
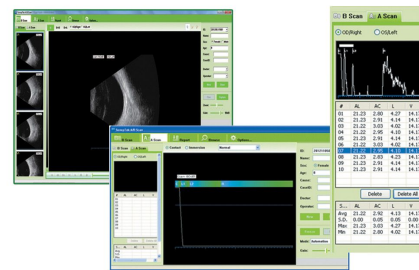
- 15 inch LED touch screen, all-in-one, pretty, portable
- Integrated Image Capture
- Integrated Patient Database
- Integrated Report Editor
- Can work with battery





SAB-500 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:		
All in one device	15 inch LED touch screen	Can work with Battery
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 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 Cine Loops Available.		
256 Levels Gray Scale	Clinical Resolution: 0.1mm	
Probe:		
Transducer Frequency: 12.5MHz	53° Sector Scanning Method	

