SAB-200 Ophthalmic A/B Scanner

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

SonoStar Technologies Co., Limited
Address: 6014, C Building, #27 Yuyingxi Road, Science Town, Guangzhou
Tel: +86-20-32382095  Fax: +86-20-62614030  Skype: sonostar-ul
www.sonostar.com  Email: sales@sonostar.net  MSN: sonostar@163.com

Note: SonoStar trademarks is protected by Madrid Treaty.
SAB-200 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 ± 0.1mm
  - Electrical Accuracy 0.0375mm
  - IOL Calculation in 0.5D Increments
  - IOL Calculation Formulas:
    - SRK-II
    - SRK-T
    - Binkhorst-II
    - Holladay
    - Holliger
    - Haigis (Standard)

- A-Scan Probes:
  - 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
  - 255 Levels of Gray Scale
  - Clinical Resolution: 0.1mm

- Probe:
  - Transducer Frequency: 12.5MHz
  - 53° Sector Scanning Method