

SPECIFICATIONS:

B-Scan

- Ultrasound Probes 10MHz B-Scan Probe
20MHz B-Scan Probe
- Axial Resolution 10MHz B-Scan: $\leq 0.1\text{mm}$
20MHz B-Scan: $\leq 0.08\text{mm}$
- Lateral Resolution 10MHz B-Scan: $\leq 0.2\text{mm}$
20MHz B-Scan: $\leq 0.15\text{mm}$
- Scan Depth 10MHz: 28mm — 60mm
20MHz: 19mm — 40mm
6-Step Selectable
- Scan Angle 53°
- Cineloop 10s/100 frames with dynamic replay
- Image Acquisition B-Scan images
Snapped & Saved in real-time
without any limitation
- Gray Scale 256 Levels
- Gain 1-105dB adjustable
- TGC Default
Vitreous-Enhanced Mode
Customized
- B+A Mode AL Measurement
- Color Codes 8
- Measurements Distance, Area & Angle
- Annotation
- Magnification

IOL Calculation

- General SRK-II SRK-T
BINK-II HOLLADAY
HOFFER-Q HAIGIS
- Post-Refractive History-derived Double K/SRK-T
Refraction-derived ROSA
SHAMMAS

Biometric A-Scan

- Probe 10MHz with Fixation Red Light
- Gain 1-60dB
- Measuring Method Contact or Immersion
- Measuring Range AL Range: 15mm-40mm
- Measuring Accuracy $\pm 0.05\text{mm}$
- Measuring Mode Automatic (Normal, Aphakic, Special and Cataract) or Manual
- Measurements Average and Standard Deviation for up to 10 scans per exam
Configurable Tissue Velocities
under Special or Manual mode

General

- Display High-Resolution 12.1" LCD
- Printer Compatibility Graph/Text Printer and Video Printer (PAL)
- Interface Video-Out (PAL)
HDMI
USB 2.0 Ports
Touch Screen
Wireless Mouse & Keyboard
Footswitch
- Operations 320GB or higher
Folder/Report Sharing
AC 100~240V, 50/60Hz
20MHz B-Scan Probe
Eye Cup
Immersion Shell
Video Thermal Printer
DICOM 3.0 Software Package
- HDD
- Network
- Power Supply
- Optional



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DISTRIBUTOR

MD-2300S

Ultrasonic A/B Scanner for Ophthalmology





MD-2300S

An Ophthalmic Tablet with Ultrasound you can Watch and Touch

Professional Ultrasound

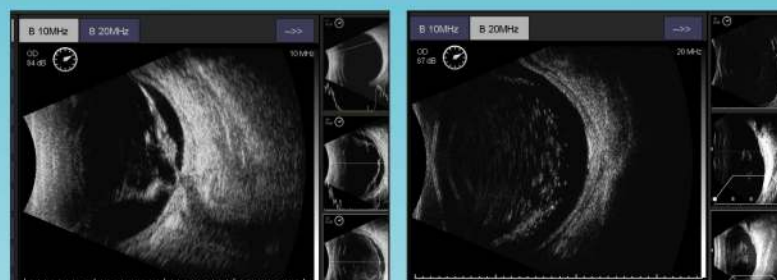
B-Scan Enhanced Visibility and User-friendliness

Image/video buffer slots for immediate click-and-check, review and comparison

Images/videos captured in real time and saved in lossless format (.bmp & .avi)

Zooming and scan depth adjustment for better ocular disease observation

Vitreous-Enhanced Mode improves visibility at vitreous body

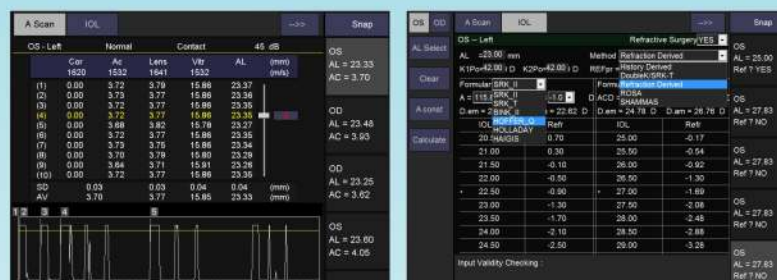


A-Scan & IOL Calculation Enhancements and Tight Integration

Biometry buffer slots for immediate click-and-check, review and comparison

Improved accuracy and reliability with Average and Standard Deviation for up to 10 scans per exam

6 popular IOL formulae and 5 Post-refractive IOL formulae available



Full Reporting Capabilities

Full report integrating A-scan/IOL results, B-scan images and doctor's comments with customized dictionary of symptom entries

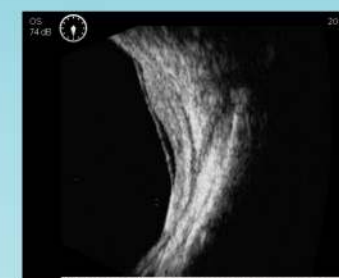
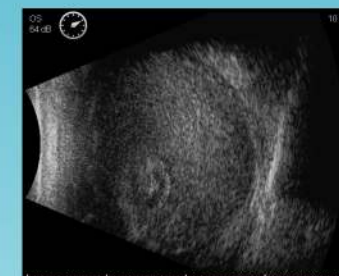
Comprehensive Data Archiving and Management

Simple UI allows users to load, search, print, etc. Unlimited storage capacity for over 20,000 exams (8 lossless images per exam)



Features

- High Definition 20MHz B-scan Image
- High Resolution LCD touch screen
- Image/video snapped and stored in real time in multiple buffer slots for immediate comparison and review
- Multiple TGC options for operator's preference including vitreous-enhanced mode
- Editable clinical report with A-scan/IOL results, B-scan images, and textual comments with configurable entries
- Reports in .PDF format for sharing and print-out
- Compatibility with graph/text printer
- Diverse connections via HDMI and USB 2.0 ports
- HDMI interface for double-screen showcase
- DICOM 3.0 protocol available via USB 2.0 port
- Massive storage capacity for over 20,000 exams



Clinical Gallery

