



MD-2300S & MD-320W UBM

An Ophthalmic Tablet with Ultrasound you can Watch and Touch

Professional Ultrasound

B-Scan & UBM 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

B-scan vitreous-Enhanced Mode improves visibility at vitreous body

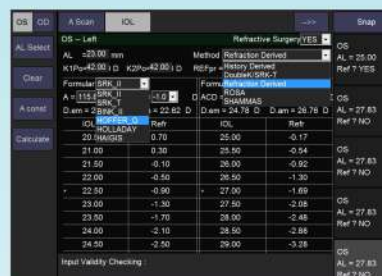


A-Scan & IOL Calculation Enhancements and Tight Integration

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 B-scan & UBM images, A-scan/IOL results 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)

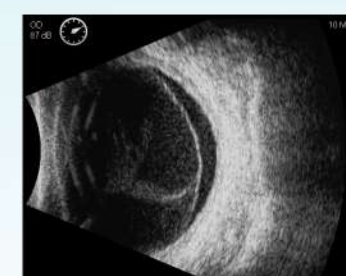
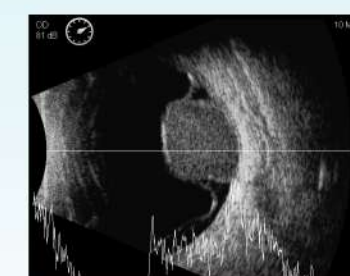


Features

- High-Definition 50MHz UBM & 10MHz 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
- B-Scan Multiple TGC options for operator's preference including vitreous-enhanced mode
- Two UBM fields of view (16mm × 11.5mm, 8mm × 5.7mm), full or half sulcus-to-sulcus images
- Editable clinical report with UBM/B-scan images/A-scan/IOL results, 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



Clinical Gallery



SPECIFICATIONS:

B-Scan & UBM

- Ultrasound Probes 10MHz B-Scan Probe
50MHz UBM Probe
- Axial Resolution 10MHz B-Scan: $\leq 0.1\text{mm}$
UBM: $\leq 0.05\text{mm}$
- Lateral Resolution 10MHz B-Scan: $\leq 0.2\text{mm}$
UBM: $\leq 0.05\text{mm}$
- Scan Depth 10MHz: 28mm-60mm, 6-Step Selectable
- View Port UBM(8mm x 5.7mm, 16mm x 11.5mm)
- Cineloop 10s/100 frames with dynamic replay
- Image Acquisition B-Scan & UBM images
Snapped & Saved in real-time without any limitation
- Gray Scale 256 Levels
- Gain B-Scan: 1-105dB adjustable
UBM: 1-99dB
- TGC (for B-Scan) Default
Vitreous-Enhanced Mode
Customized
- Color Codes 8
- Measurements Distance, Area & Angle
- Annotation
- Magnification

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

IOL Calculation

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

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
- Operations Touch Screen
Wireless Mouse & Keyboard
Footswitch
- HDD
- Network 500GB or higher
- Power Supply Folder/Report Sharing
AC 100-240V, 50/60 Hz
- Optional Eye Cup
Immersion Shell
Video Thermal Printer



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DISTRIBUTOR

MD-2300S
Ultrasonic A/B Scanner for Ophthalmology
With UBM

