

SPECIFICATIONS:

B-Scan

- Ultrasound Probes10MHz B-Scan Probe20MHz B-Scan Probe
- Axial Resolution10MHz B-Scan: ≤0.1mm20MHz B-Scan: ≤0.08mm
- Lateral Resolution10MHz B-Scan: ≤0.2mm20MHz B-Scan: ≤0.15mm
- Scan Depth10MHz: 28mm — 60mm20MHz: 19mm — 40mm6-Step Selectable
- Scan Angle53°
- Cineloop10s/100 frames with dynamic replay
- Image AcquisitionB-Scan imagesSnapped & Saved in real-time without any limitation
- Gray Scale256 Levels
- Gain1-105dB adjustable
- TGCDefaultVitreous-Enhanced ModeCustomized
- B+A ModeAL Measurement
- Color Codes8
- MeasurementsDistance, Area & Angle
- Annotation
- Magnification

IOL Calculation

- GeneralSRK-II SRK-TBINK-II HOLLADAYHOFFER-Q HAIGISHistory-derived Double K/SRK-TRefraction-derived ROSASHAMMAS
- Post-Refractive

Biometric A-Scan

- Probe10MHz with Fixation Red Light
- Gain1-60dB
- Measuring MethodContact or Immersion
- Measuring RangeAL Range: 15mm-40mm
- Measuring Accuracy±0.05mm
- Measuring ModeAutomatic (Normal, Aphakic, Special and Cataract) or Manual
- MeasurementsAverage and Standard Deviation for up to 10 scans per examConfigurable Tissue Velocities under Special or Manual mode

General

- DisplayHigh-Resolution 12.1” LCD
- Printer CompatibilityGraph/Text Printer and Video Printer (PAL)
- InterfaceVideo-Out (PAL)HDMIUSB 2.0 PortsTouch ScreenWireless Mouse & KeyboardFootswitch320GB or higherFolder/Report SharingAC 100~240V, 50/60Hz20MHz B-Scan ProbeEye CupImmersion ShellVideo Thermal PrinterDICOM 3.0 Software Package
- Operations
- 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

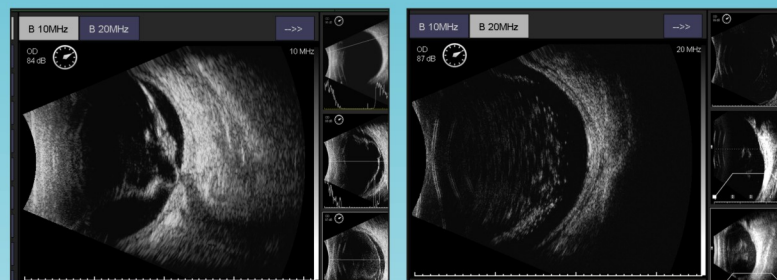
### B-Scan Enhanced Visibility and User-friendliness

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

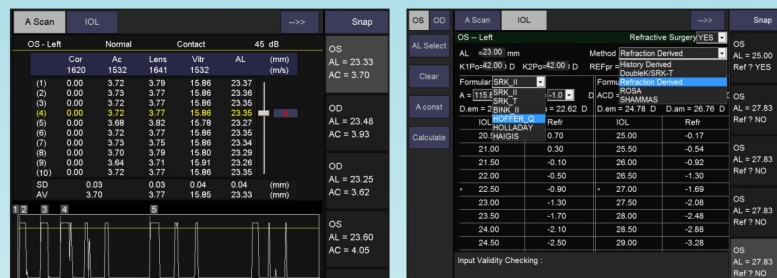


### A-Scan & IOL Calculation Enhancements and Tight Integration

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

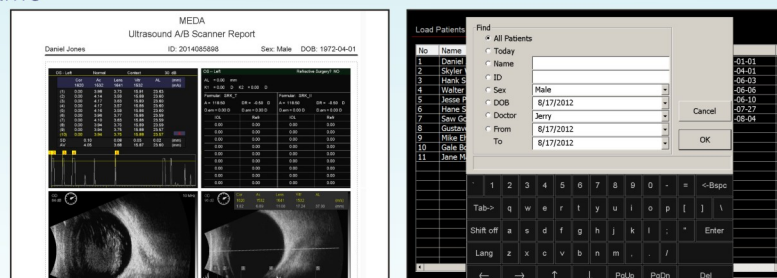


### Full Reporting Capabilities

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

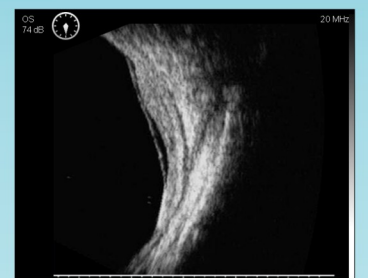
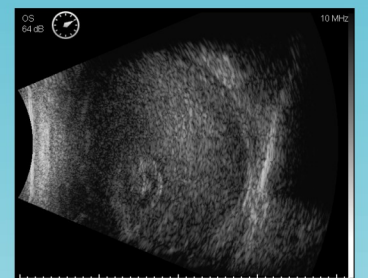
### Comprehensive Data Archiving and Management

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

