

SPECIFICATIONS:

B-Scan & UBM

- Ultrasound Probes10MHz B-Scan Probe20MHz B-Scan Probe50MHz UBM Probe
- Axial Resolution10MHz B-Scan:≤0.1mm20MHz B-Scan:≤0.08mmUBM:≤0.05mm
- Lateral Resolution10MHz B-Scan:≤0.2mm20MHz B-Scan:≤0.15mmUBM:≤0.05mm
- Scan Depth10MHz: 28mm-60mm, 6-Step Selectable20MHz: 19mm-40mm, 6-Step Selectable50MHz: 5.7mm, 11.5mm
- Cineloop10s/100 frames with dynamic replay
- Image AcquisitionB-Scan & UBM imagesSnapped & Saved in real-time without any limitation
- Gray Scale256 Levels
- GainB-Scan: 1-105dB adjustableUBM: 1-99dB
- TGC (for B-Scan)DefaultVitreous-Enhanced ModeCustomized
- Color Codes8
- MeasurementsDistance, Area & Angle
- Annotation
- Magnification

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

IOL Calculation

- GeneralSRK-II SRK-TBINK-II HOLLADAYHOFFER-Q HAIGISHistory-derived Double K/SRK-TRefraction-derived ROSAREFRACTION-DETERMINED SHAMMAS
- Post-Refractive

General

- DisplayHigh-Resolution 12.1” LCD
- Printer CompatibilityGraph/Text Printer and Video Printer(PAL)
- InterfaceVideo-out (PAL), HDMI, USB 2.0 Ports
- OperationsTouch ScreenWireless Mouse & KeyboardFootswitch
- HDD500GB or higher
- NetworkFolder/Report Sharing
- Power SupplyAC 100-240V, 50/60 Hz
- OptionalEye CupImmersion ShellVideo Thermal Printer

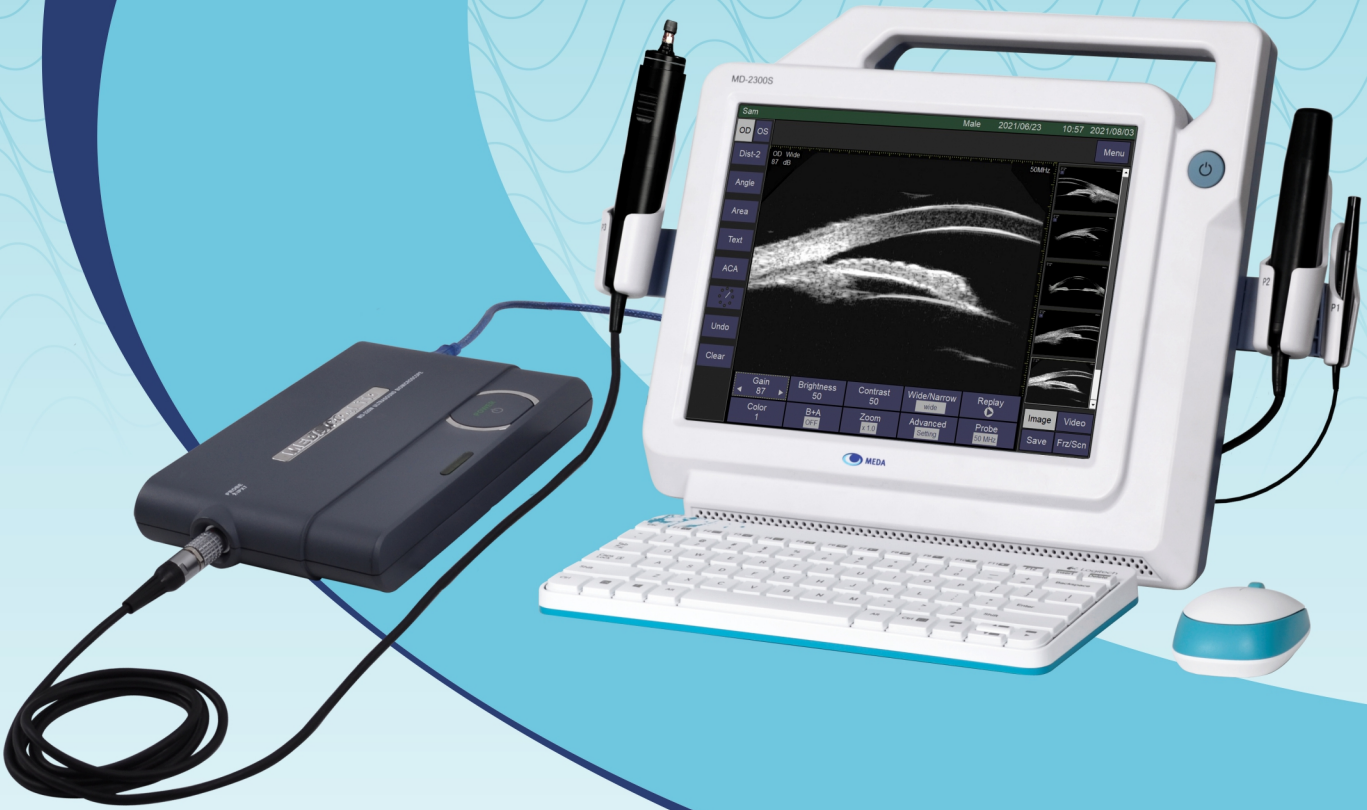


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DISTRIBUTOR

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





MD-2300S & MD-320W UBM

An Ophthalmic Tablet with Ultrasound you can Watch and Touch

Professional Ultrasound

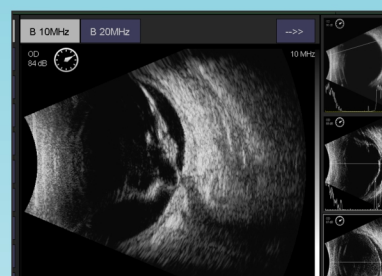
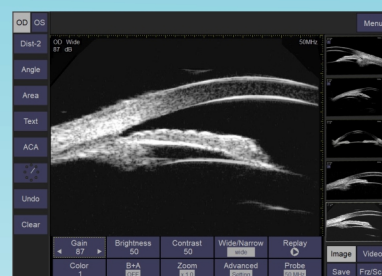
B-Scan & UBM Enhanced Visibility and User-friendliness

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

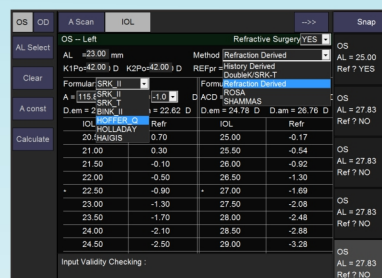


A-Scan & IOL Calculation Enhancements and Tight Integration

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

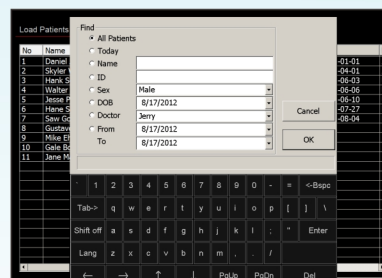
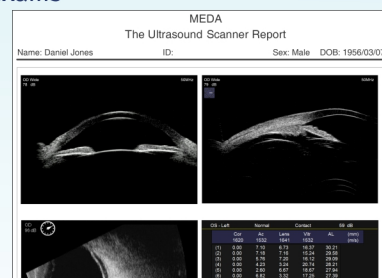


Full Reporting Capabilities

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

USB VIDEO HDMI



Clinical Gallery

