

SPECIFICATIONS:

B-Scan & UBM		Biometric A-Scan	
• Ultrasound Probes	10MHz B-Scan Probe 20MHz B-Scan Probe 50MHz UBM Probe	• Probe	10MHz with Fixation Red Light
• Axial Resolution	10MHz B-Scan: ≤0.1mm 20MHz B-Scan: ≤0.08mm 50MHz UBM: ≤0.05mm	• Gain	1-60dB
• Lateral Resolution	10MHz B-Scan: ≤0.2mm 20MHz B-Scan: ≤0.15mm 50MHz UBM: ≤0.05mm	• Measuring Method	Contact or Immersion
• Scan Depth	10MHz: 28mm-60mm, 6-Step Selectable 20MHz: 19mm-40mm, 6-Step Selectable	• Measuring Range	AL Range: 15mm-40mm
• View (UBM)	wide view (16mm × 11.5mm), normal (8mm × 5.7mm)	• Measuring Accuracy	±0.05mm
• Cineloop	10s/100 frames with dynamic replay	• Measuring Mode	Automatic(Normal, Aphakic, Special and Cataract) or Manual
• Image Acquisition	B-Scan & UBM images Snapped & Saved in real-time without any limitation	• Measurements	Average and Standard Deviation for up to 10 scans per exam
• Gray Scale	256 Levels		Configurable Tissue Velocities under Special or Manual mode
• Gain	B-Scan: 1-105dB adjustable UBM: 1-99dB	IOL Calculation	
• TGC (for B-Scan)	Default Vitreous-Enhanced Mode Customized	• General	SRK-II BINK-II HOFFER-Q History-derived Refraction-derived SHAMMAS
• Color Codes	8		SRK-T HOLLADAY HAIGIS Double K/SRK-T ROSA
• Measurements	Distance, Area & Angle	• Post-Refractive	
• Annotation			
• Magnification			
General			
• Display	High-Resolution 12.1" LCD	• HDD	500GB or higher
• Printer Compatibility	Graph/Text Printer and Video Printer(PAL)	• Network	Folder/Report Sharing
• Interface	Video-out (PAL), HDMI, USB 2.0 Ports	• Power Supply	AC 100-240V, 50/60 Hz
• Operations	Touch Screen Wireless Mouse & Keyboard Footswitch	• Optional	20MHz B-scan Probe Eye Cup Immersion Shell Video Thermal Printer

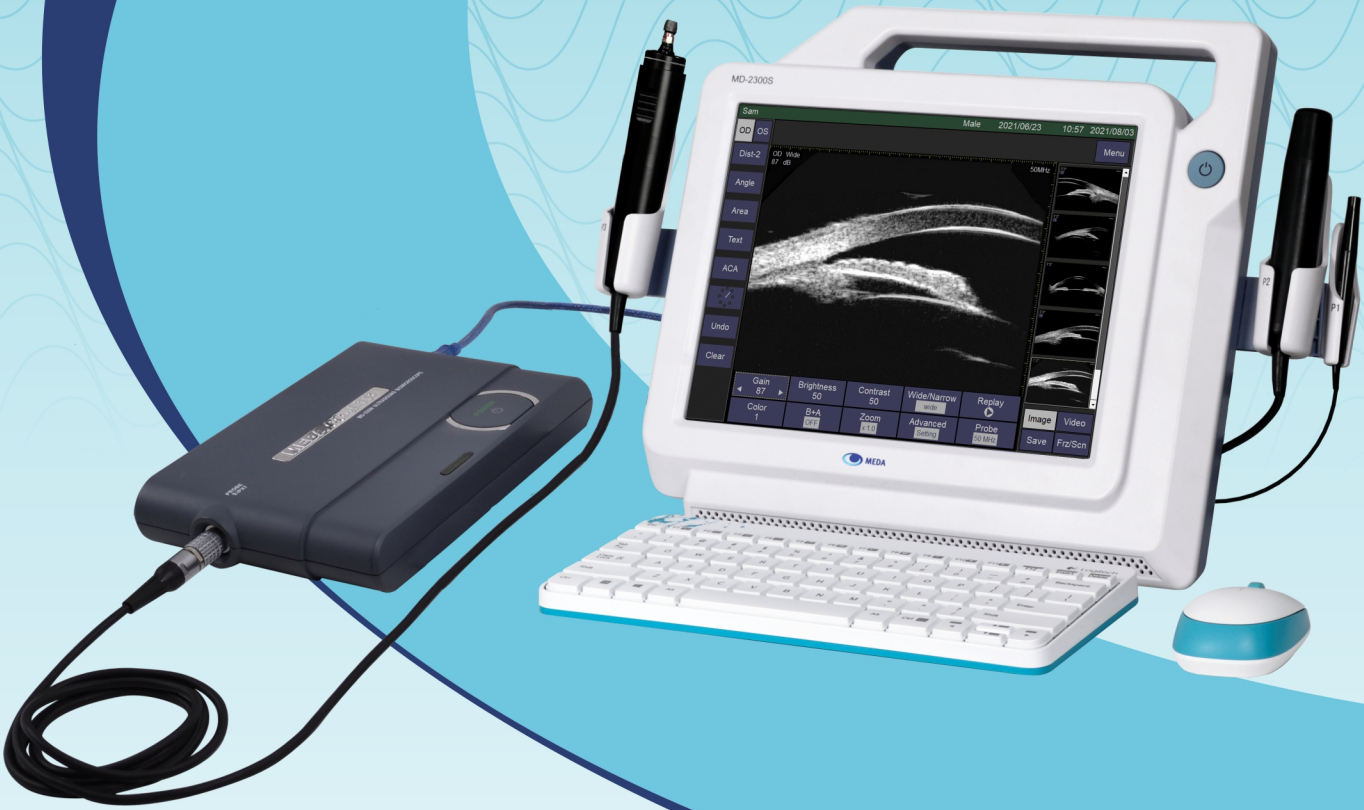


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DISTRIBUTOR

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

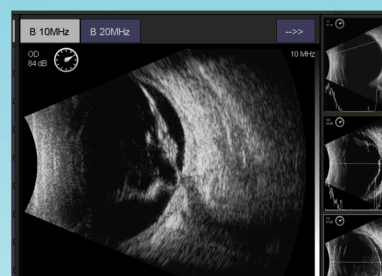
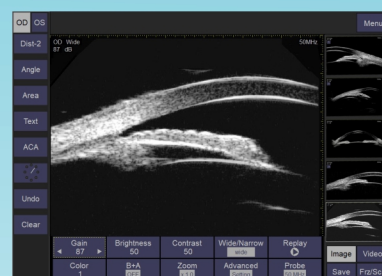
B-Scan & UBM Enhanced Visibility and User-friendliness

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

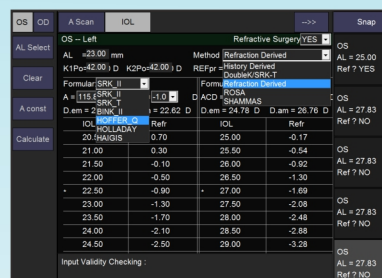


A-Scan & IOL Calculation Enhancements and Tight Integration

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

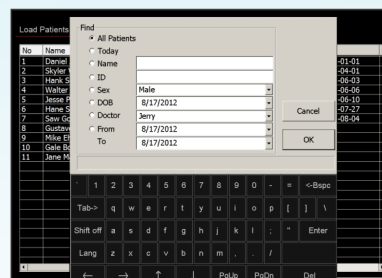
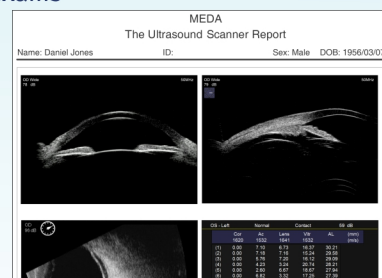


Full Reporting Capabilities

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 /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
- 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

