SPECIFICATIONS:

B-Scan

- **Ultrasound Probes** 10MHz B-Scan Probe
  20MHz B-Scan Probe
- **Axial Resolution** 10MHz B-Scan: ≤0.1mm
  20MHz B-Scan: ≤0.08mm
- **Lateral Resolution** 10MHz B-Scan: ≤0.2mm
  20MHz B-Scan: ≤0.15mm
- **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** ±0.05mm
- **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
- **Operations** Touch Screen
  Wireless Mouse & Keyboard
  Footswitch
- **HDD** 320GB or higher
- **Network** Folder/Report Sharing
- **Power Supply** AC 100~240V, 50/60Hz
- **Optional** 20MHz B-Scan Probe
  Eye Cup
  Immersion Shell
  Video Thermal Printer

CE 0123

MD-2300S

Ultrasonic A/B Scanner for Ophthalmology

CE 0123 TUV

MEDA®

DISTRIBUTOR

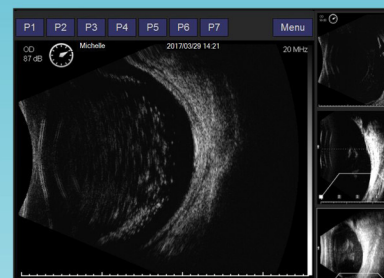**MEDA**®

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

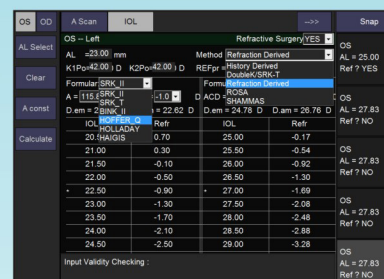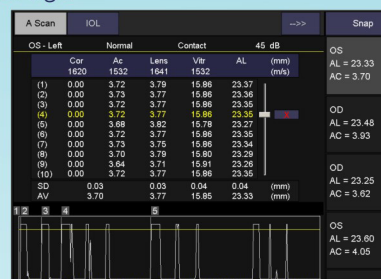Vitreous–Enhanced Mode improves visibility at vitreous body

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
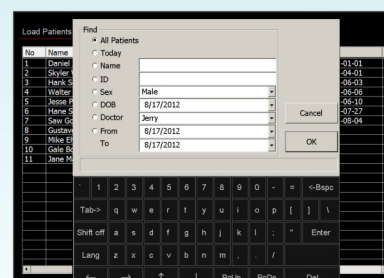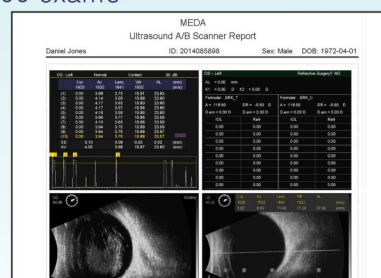
Full Reporting Capabilities

Full report integrating A–scan/IOL results, B–scan images and doctor's comments with customized dictionary of symptom entries
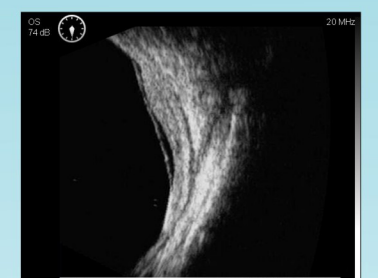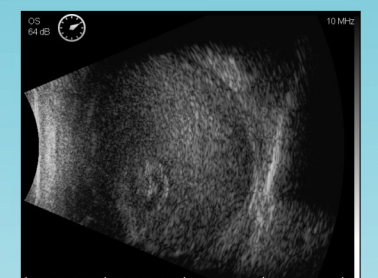
Comprehensive Data Archiving and Management

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

USB **VIDEO** **HDMI**

Clinical Gallery