MD-1000A
MD-1000P
MD-1000A/P
Ultrasonic Biometer for Ophthalmology

Digitally signed by Jighili Tatiana
Date: 2022.08.19 11:46:39 EEST
Reason: MoldSign Signature
Location: Moldova

MEDA®

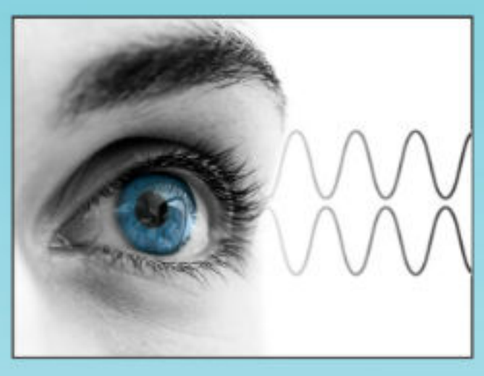
Dedicated in Ophthalmology

Features

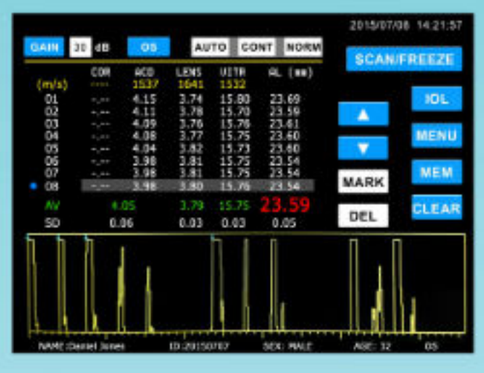
Accurate measurements under both Contact and Immersion modes
Extreme ease of use with touch screen
Automatic / manual modes
Auto gain control
Built-in thermal printer
Portable & ergonomic design

MEDA®

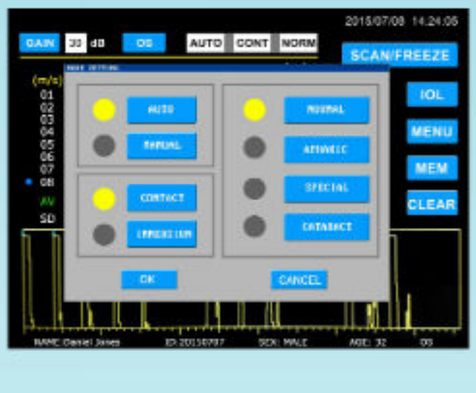
A-BIOMETRY



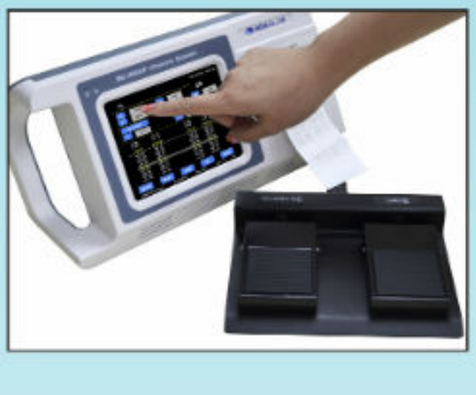
Precise & Accurate
A-Scan precision and accuracy, under both cataract and immersion mode, are ensured by MEDA's mature technology and professional expertise in ophthalmic field.



Reliable
Up to 8 groups of readings automatically measured per each group, with averaging and standard deviation for a higher level of reliability.



Comprehensive
Automatic measurements for 4 different eye types: Normal, Cataract, Aphakic and Special. Manual measurement also available.

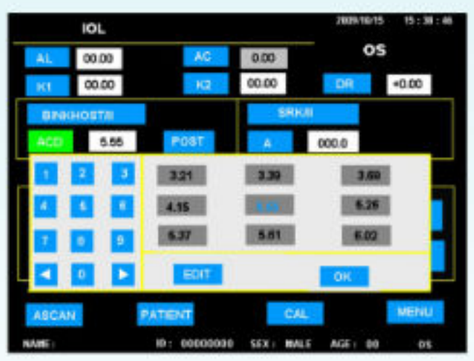


Convenient
Touch screen and footswitch equipped to enable smooth operations.

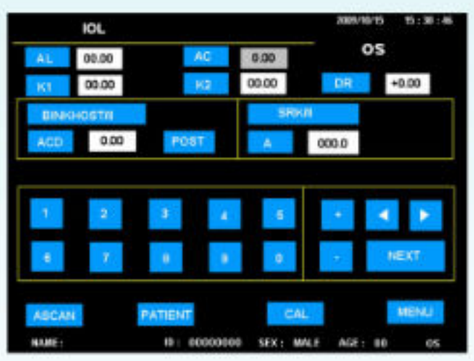
IOL

IOL Formulae
6 popular formulae for IOL calculation;
5 major formulae for post-refractive IOL calculation.

Intuitive Interface
Instant switch among different formulae;
Dual-formula display for direct result comparison.

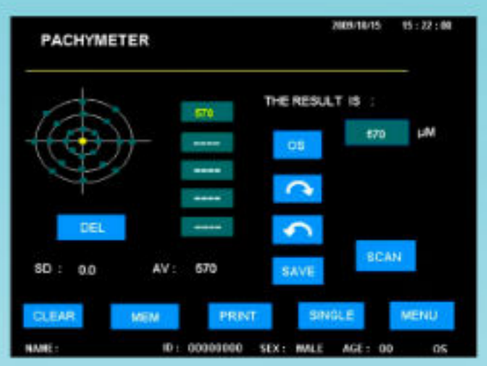


Simple Operations
Higher accessibility of database;
Single-click for instant print-out.



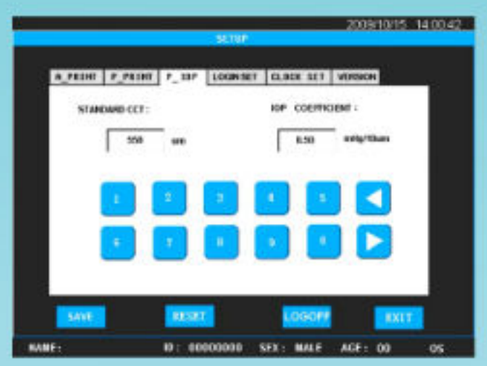
Tight Integration
Easy access between A-scan and IOL;
Axial length automatically imported from A-scan measurement.

PACHYMETRY



Accurate Results

Automatic reading at single or multiple points for corneal thickness;
Multiple measurements at single point for higher reliability;
Higher accuracy enabled by averaging readings.



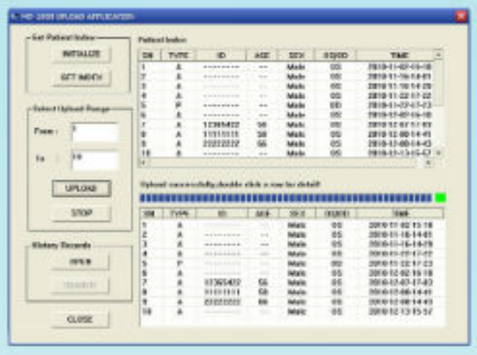
IOP Adjustment

Intraocular pressure adjustment provides reference for tonometer measurement;
Parameter adjustability based on user's experience.

MANAGEMENT

Patient Management

Built-in data archiving capability for storage of up to 180 patient records.

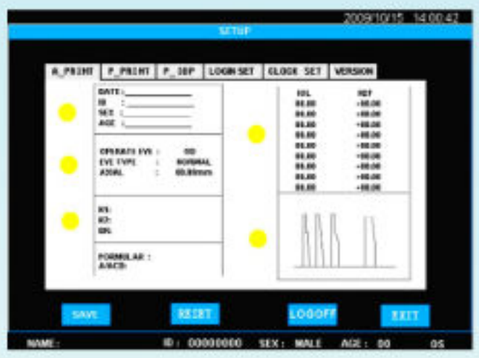


PC Connectivity

Uploading application software developed to allow for communications with PC and unlimited storage capability.

Instant Printout

Single click print-out enabled by in-built thermal printer;
User-defined print-out options.



User-defined Preference

Users are free to define acoustic velocities, IOP parameters and printing options.

PROFESSIONAL ULTRASOUND

A-Biometer

Pachymeter

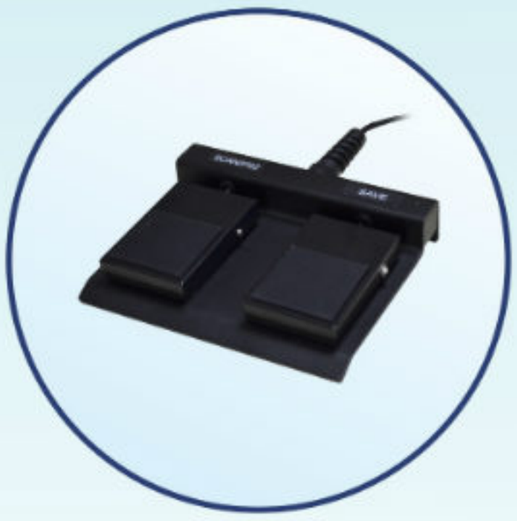
A-Biometer / Pachymeter

ACCESSORIES

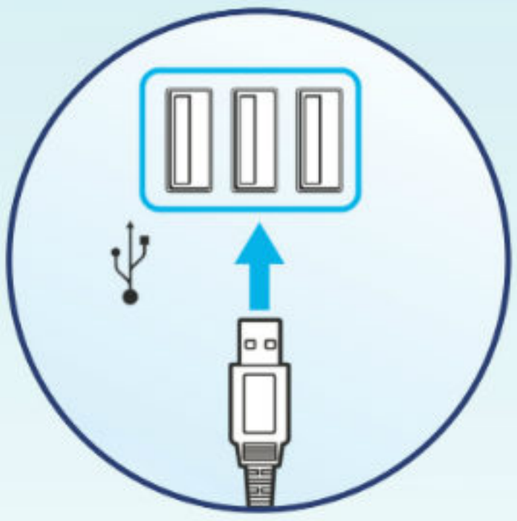
10MHz A-probe

20MHz straight P-probe

20MHz angled P-probe



Footswitch



PC Suite

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SPECIFICATIONS:

A-Scan (MD-1000A & MD-1000A/P)

- Probe: 10MHz with Fixation Red Light
- Total Gain: 100dB with an adjustable range of 0~50dB
- Biometry Accuracy: ±0.05mm
- Resolution: 0.01mm
- Measuring Range: 15~40mm
- Measuring Mode: Contact or Immersion
- Measuring Parameters: Anterior Chamber Depth, Lens Thickness, Vitreous Length and Axial Length
- Measuring Modes: Automatic (Normal, Cataract, Aphakic and Special), and Manual
- 8 Groups of Readings with Averaging & Standard Deviation

Standard Configuration

- 10MHz A probe (MD-1000A & MD-1000A/P)
- 20MHz P Probe (MD-1000P & MD-1000A/P)
- Footswitch
- Test Object
- PC Suite
- AC Adapter

Optional

- PC Suite
- Immersion Shell

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

Pachymeter (MD-1000A & MD-1000A/P)

- Probe Frequency: 15~20MHz
- Display Resolution: 1μm
- Biometry Accuracy: ±5μm
- Measuring Scope: 230~1200μm
- Multiple Corneal Maps with Graphical Display

General

- Power Supply: AC 100 ~ 240V, 50/60Hz, 50VA
- Dimension: 337mm x 177mm x 155mm (L x W x H)
- Weight: 1.7Kg

CE 0123

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DISTRIBUTOR