

Dedicated in Ophthalmology

Precise Measurement with both Immersion & Contact mode
Touch Screen, Extremely Easy Use
Portable & Sleek Design
Auto / Manual Modes
Auto Gain Control
Built-in Thermal Printout



SPECIFICATIONS:

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

- Probe: 10MHz with Fixation Red Light
- Total Gain: 100dB with an adjustable range of 0~50dB
- Biometry Accuracy: $\leq \pm 0.05\text{mm}$
- Resolution: 0.01mm
- Measuring Range: 15~40mm
- Measuring Mode: Contact, Immersion mode
- Measuring Parameters: Anterior Chamber Depth, Lens Thickness, Vitreous Length and Axial Length.
- 5 Different Measuring Modes: Automatic (for Normal, Cataract, Aphakic and Special), and Manual
- 8 Groups of Readings for Average, SD
- IOL Formula: SRK-T, SRK-II, BINKHOST- II, HOLLADAY, HOFFER-Q and HAIGIS

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

- Probe Frequency: 15~20MHz
- Display Resolution: $1\mu\text{m}$
- Biometry Accuracy: $\leq \pm 5\mu\text{m}$
- Measuring Scope: 230~1200 μm
- Multiple Corneal Maps with Graphical Display

Others

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

Standard Configuration:

- Main Unit:**
 - MD-1000A A-Biometer only
 - MD-1000P Pachymeter only
 - MD-1000A/P Biometer
- Probe:**
 - 10MHz A probe (MD-1000A, MD-1000A/P)
 - 20MHz P Probe (MD-1000P, MD-1000A/P)
- Footswitch
- Test Object
- PC Suite
- AC Adapter



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DISTRIBUTOR:



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





Precise & Accurate!

OPTIONAL



A Biometer Only

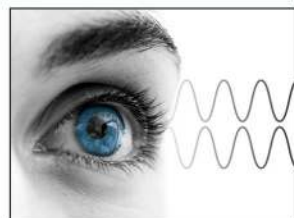


Pachymeter



A-Biometer / Pachymeter

A-SCAN



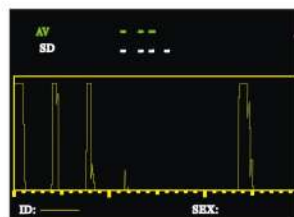
Precise and accurate

A scan measurement is ensured by MEDA's dedicated and matured technology in ophthalmic field.



Automatic Reading

System automatically measures 8 readings for one group. Users may manually adjust reading results during the automatic measuring.



S.D. Function

MD-1000A (A/P) provides S.D.(Standard Deviation) to help evaluate reading reliability.



Splendid Measuring Mode

Contact & Immersion measuring mode. Automatic reading with 4 different modes: Normal, Cataract, Aphakic and Special. Manual measuring available.



IOL Calculation

6 IOL formulae for IOL calculation. Instant formula switch. Automatically import Axial Length. Parameters input with Touch Screen.



IOL Calculation

Dual formulae display for result comparison. Easy access to database. One button for instant printout.

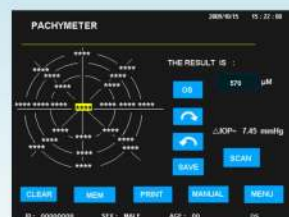


User-defined Interface

User may define acoustic velocity, IOP parameters, printing option etc.



PACHYETER



Accurate Measurement

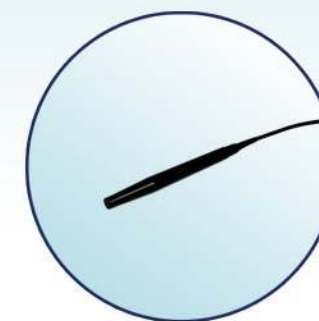
Automatic reading for cornea thickness. Multiple or single point reading. Multiple measurements for single point cornea thickness. Average reading sharply increases accuracy.



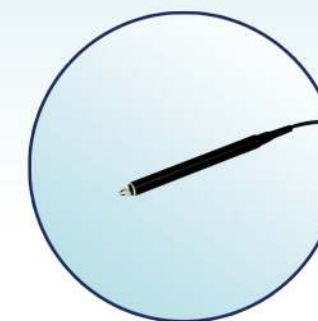
IOP (Intraocular Pressure) Adjustment

Provides reference for tonometer measurement. Parameters adjustable according to users' experience.

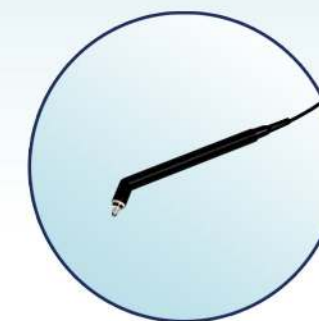
ACCESSORIES



10MHz A-probe



20MHz straight P-probe



20MHz angled P-probe



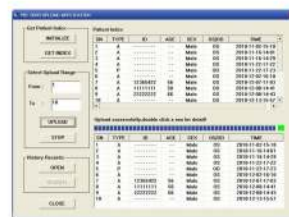
Patient Management

Built-in data archive for permanent memory of 180 patient records.



Instant Printout

Instant printout by built-in thermal printer. User-defined printing options.

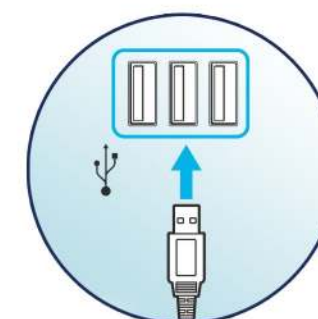


PC Connection

Uploading application software is developed to enable communication with PC and massive storage capability.



Footswitch



PC Suite