

## 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

#### 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

#### 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 $\mu\text{m}$
- 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

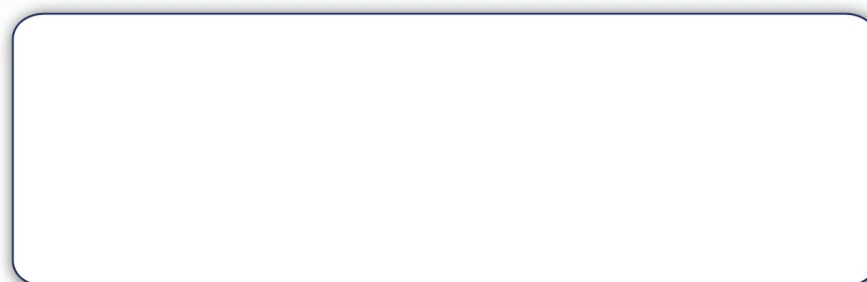


 **MEDA CO., LTD**

Room D,F3,Building C2,  
Xinmao Science Skill Park,  
Huayuan Industry  
Development Area,  
Tianjin 300384, China

Phone: +86-22-83713808 ext.0  
+86-22-83713881  
Fax: +86-22-83713880  
www.MEDA.com.cn  
E-mail: export@meda.com.cn

**DISTRIBUTOR:**



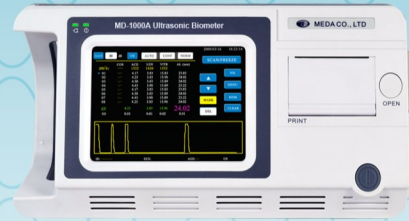
## MD-1000A MD-1000P MD-1000A/P Biometer for Ophthalmology



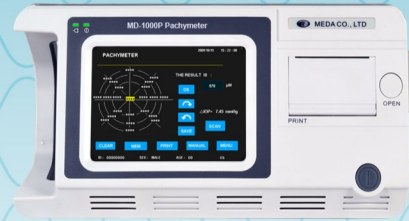
 **MEDA**

**Precise & Accurate!**

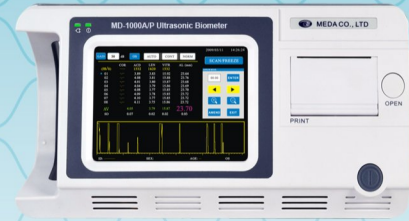
**OPTIONAL**



A Biometer Only

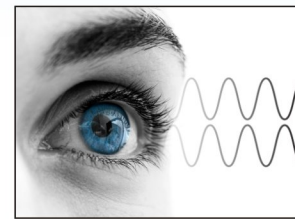


Pachymeter



A-Biometer / Pachymeter

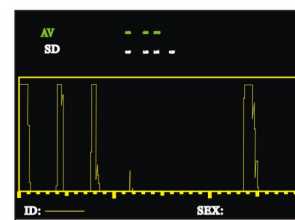
**A-SCAN**



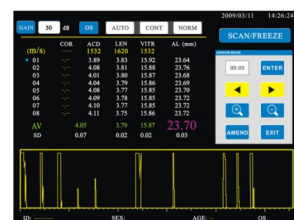
**Precise and accurate**  
A scan measurement is ensured by MEDA's dedicated and matured technology in ophthalmic field.



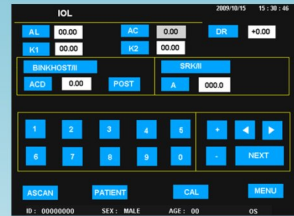
**Automatic Reading**  
System automatically measures 8 readings for one group. Users may manually adjust reading results during the automatic measuring.



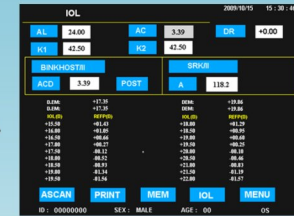
**S.D. Function**  
MD-1000A (A/P) provides S.D.(Standard Deviation) to help evaluate reading reliability.



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

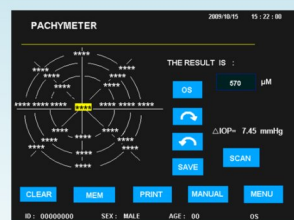


**IOL Calculation**  
6 IOL formulae for IOL calculation. Instant formula switch. Automatically import Axial Length. Parameters input with Touch Screen.

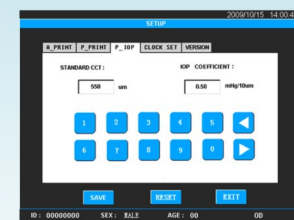


**IOL Calculation**  
Dual formulae display for result comparison. Easy access to database. One button for instant printout.

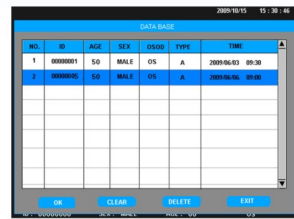
**PACHYETER**



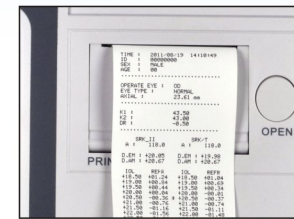
**Accurate Measurement**  
Automatic reading for cornea thickness. Multiple or single point reading. Multiple measurements for single point cornea thickness. Average reading sharply increases accuracy.



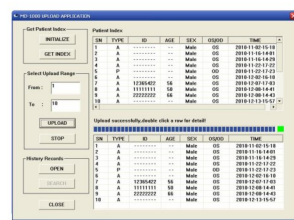
**IOP (Intraocular Pressure) Adjustment**  
Provides reference for tonometer measurement. Parameters adjustable according to users' experience.



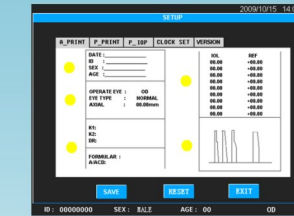
**Patient Management**  
Built-in data archive for permanent memory of 180 patient records.



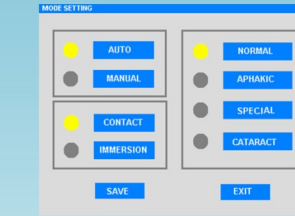
**Instant Printout**  
Instant printout by built-in thermal printer. User-defined printing options.



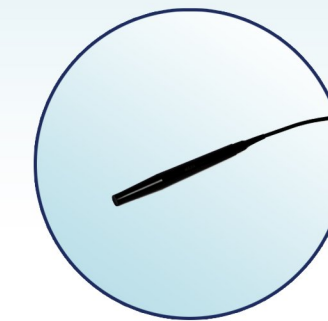
**PC Connection**  
Uploading application software is developed to enable communication with PC and massive storage capability.



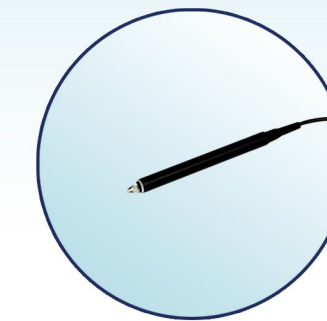
**User-defined Interface**  
User may define acoustic velocity, IOP parameters, printing option etc.



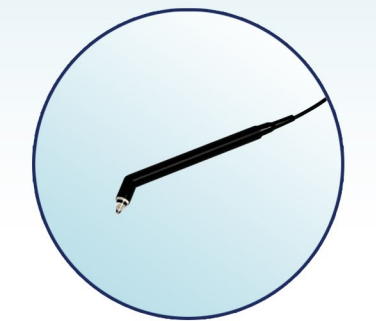
**ACCESSORIES**



10MHz A-probe



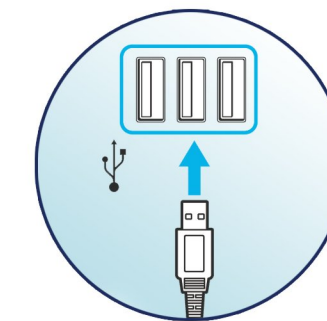
20MHz straight P-probe



20MHz angled P-probe



Footswitch



PC Suite

