



Ultrasonic Biometer A-Scan for Ophthalmology

- Color display and touch LCD screen, portable design, fast and accurate measurement, ergonomical interface.



Features:

- Precise Measurement with both Immersion & Contact modes.
- Touch Screen
- Extremely Easy for Use
- Compact and Portable Design.
- Auto/Manual Modes.
- Auto Gain Control
- Built-in Thermal Printer
- Data with Graph Printout.

Automatic Reading

System automatically measures 8 readings for one group.

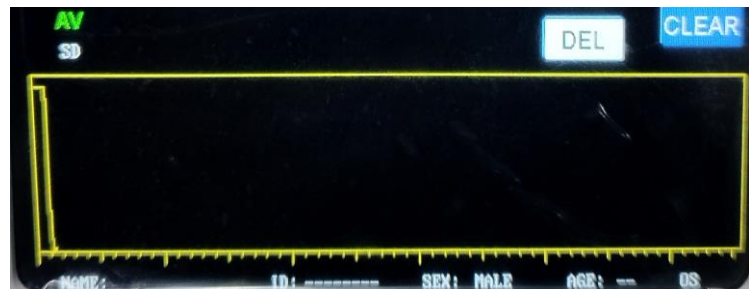
Users may manually adjust reading results during the automatic measuring.



S.D. Function

System automatically measures 8 readings for one group.

Users may manually adjust reading results during the automatic measuring.



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.



Patient Management

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



Instant Printout

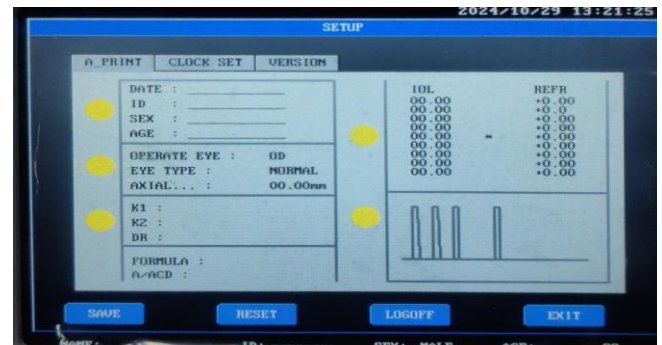
Instant printout by built-in thermal printer.

User-defined printing options.



User-defined Interface

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



Specifications:

- Ultrasonic frequency: 10MHz;
- Display resolution: 0.01mm
- Total gain of receiver: $\geq 100\text{dB}$;
- Adjustable gain scope: 0 ~ 50dB;
- Measuring scope (AL): 15mm ~ 40mm;
- Measuring accuracy: $\leq \pm 0.05\text{mm}$;
- Measuring Parameter: ACD, LENS, VITR and AL;
- Measuring mode: Automatic mode or manual mode can be selectable. Automatic mode for Normal, Cataract and Aphakic Mode;
- Measuring method: Contact and Immersion, can be selectable;
- IOL calculation: SRK/T, SRK-II, BINK-II, HOLLADAY, HOFFER-Q, HAIGIS, and IOL calculation formula after corneal refractive surgery: HISTORY DERIVED, DOUBLE-K/SRK-T, REFRACTION DERIVED, ROSA and SHAMMAS.



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SAFE MEDICAL SUPPLY

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