Professional Design

Partial details design

- ◆ Humanized detail design
- ◆ Comfortable operation and smooth measurement
- ◆ Adjustable LCD screen for convenient measurement

Specification

Hartmann's Principle
New light path design, clear human eye imaging effect
High-speed image acquisition system, advanced image processing and analysis
The screen can be rotated freely up and down
Automatic eye tracking for lifting, automatic measurement
Electric lifting amount tow
Off-speed printer
Corneal apex distance: 0.0, 12.0, 13.75, 15.0
Spherical mirror degree: -20.00D ~ + 20.00D (VD = 12mm, 0.01, 0.06, 0.12, 0.25 units)
Cylindrical power: 0.00D ~ + 10.00D (0.06, 0.12, 0.25 units)
Axis position: 10 ~ 180 ° (1 ° unit)
Astigmatism symbol: -, +, ±
Interpupillary distance: 10 ~ 86mm
Minimum pupil diameter: 2.0mm
Measurement completion time: <0.5 seconds.
Pupil diameter: 2.00-8.00mm
Measure light energy: <30uw (ensure measurement safety)
Stored data: 10 measurements each
Axis position: 1 ° ~ 180 °
Visual target: Guided cloud map
Display: 8-inch TFT touch screen (adjustable viewing angle)
Printer: 57mm thermal printer
Power supply: AC 100 ~ 250V, 50 / 60Hz, wide power supply
Net weight: 22 kg
Gross weight: 26.5 kg
Packing size: (length) 680mm x (width) 400mm x (height) 640mm

AR-4000

Auto Refractometer

AR-4000

Auto Refractometer

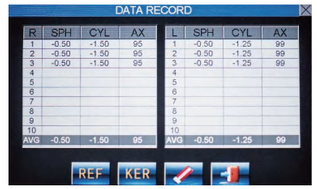
Adjustable LCD Touch Screen

High brightness and contrast 8” wide color TFT LCD screen, smooth touch mode, different angle can be adjusted

Motorized Chin Rest

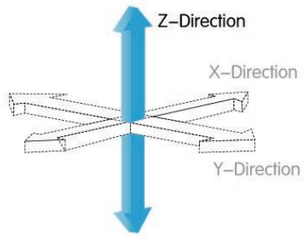
By pressing the Up & Down buttons, the users can set and adjust the height of the patient’s chin freely and quickly

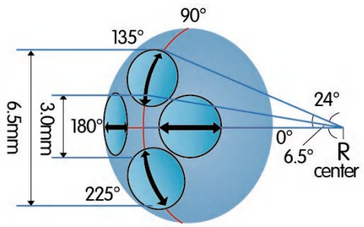
Data Record



3 groups of data stored each measure-ment, maximum 10 groups of data can be stored

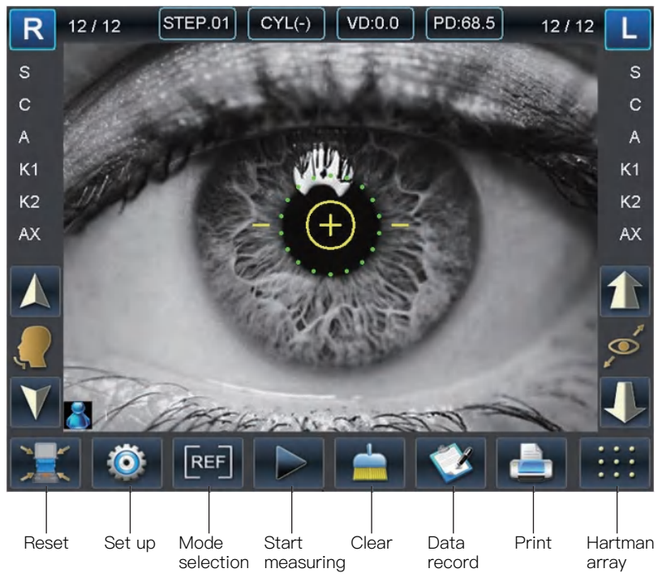
UP/down Auto Traking





Measure peripheral keratometry precision of eyes with contact lenses fitting

Operation Interface Function



Hartmann Inaging Processing Technology