

Specification

Measuring range

Ball mirror: 0 to ± 35D (reading accuracy 0.01D/0.06D/0.12D/0.25D)

Measuring range		Accuracy
<0D. ≥-5D	>0D. ≤+5D	±0.06
<-5D. ≥-10D	>+5D. ≤+10D	±0.09
<-10D. ≥-15D	>+10D. ≤+15D	±0.12
<-15D. ≥-20D	>+15D. ≤+20D	±0.18
<-20D. ≥-35D	>+20D. ≤+35D	±0.25

Cylinder: 0 to ± 10D (reading accuracy 0.01D/0.06D/0.12D/0.25D)

Cylindrical axis position: 0 ° to 180 ° (reading accuracy 1 °)

ADD: 0 to 10D (reading accuracy 0.01D/0.06D/0.12D/0.25D)

Prism: 0 to 10Δ (0.01Δ)

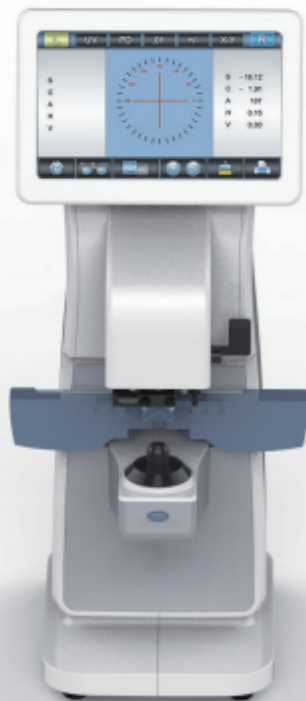
Measuring range		Accuracy
>0Δ. ≤5D		0.1Δ
>5Δ. ≤15D		0.2Δ

Cylinder mode: +, + / -, -

Prism representation mode: X-Y: Cartesian coordinates H: I, O. V: U, D

P-B: Polar coordinates mm: X and Y are both expressed in mm

Reading resolution: 0.01D/0.06D/0.12D/0.25



Interpupillary distance measurement function

Can measure lens with high refractive index, polarization, high dispersion, solar film, multi-focus, scratch, etc. single light, double light, triple light, progressive multifocal light, etc.

UV / blue light transmittance measurement function

Contact lens measurement function

Measurable lens: >10%; the transmittance of lens when the power exceeds 10D is required >20%

Contact lenses: 0 to ± 25D, BC 6.00 to 9.00

Display: 7.0-inch HD touch LCD monitor

Menu: user-friendly design, easy to operate

Applicable lens diameter: 20mm - 100mm

Power supply: AC100 (±10%) - 240 (±10%) V 50 / 60Hz 40VA

Maximum power: 40W

Weight: 6.8kgs

Instrument specifications: 550mm (L) × 350mm (W) × 350mm (H)

Environmental conditions

a. Temperature: 5-40C (use temperature) -20-60 ° C (storage / transport temperature)

b. Humidity: 30-85% (non-condensing) (use humidity) 10- 95% (storage / transport humidity)

c. Atmospheric pressure: 700-1060hpa

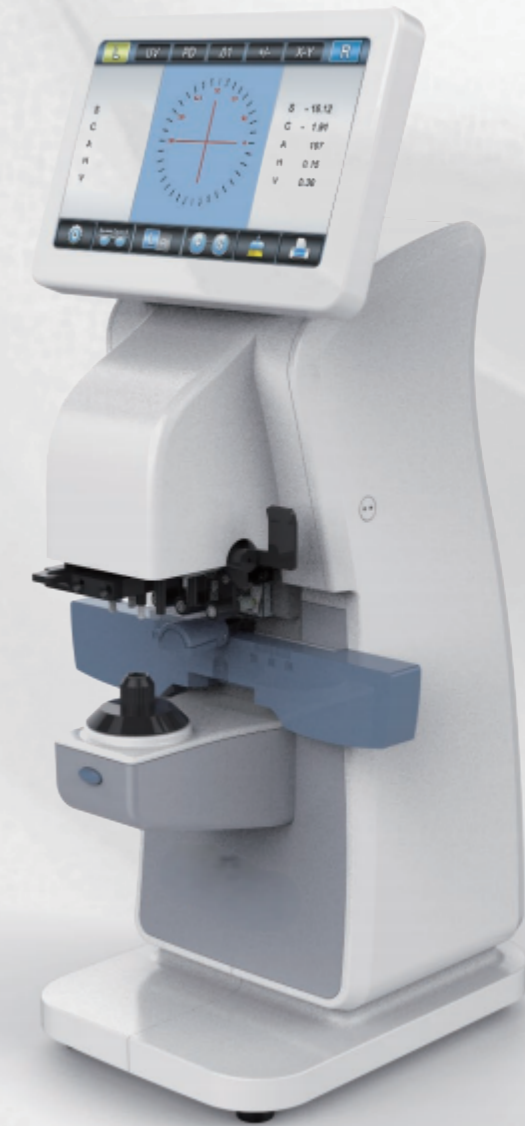
d. Altitude: up to 2000m

e. Other: no harmful dust and smoke

Optional accessories: printer (built-in thermal printer, paper width: 57mm)

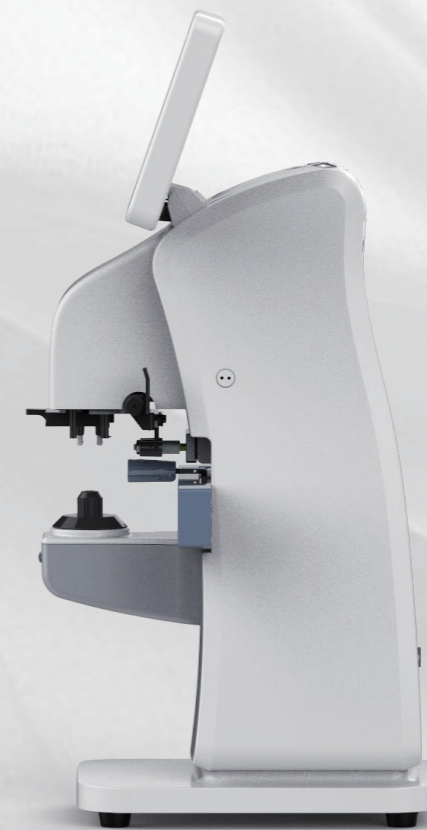
Features

- ◆ HD touch LCD display
- ◆ High-end process precision assembly
- ◆ Modern and simple appearance
- ◆ Fast and automatic recognition of progressive multifocal lenses
- ◆ Green LED light source does not need ABBE coefficient compensation
- ◆ Optimized and upgraded Hartmann multi-point measurement technology



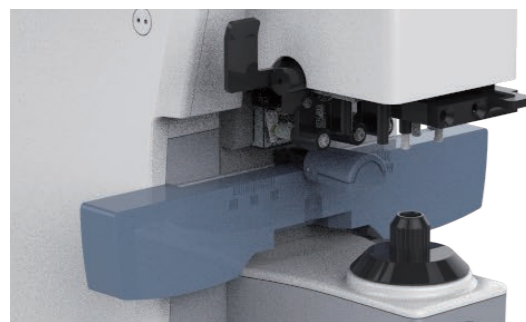
Auto Lensmeter

New Technology And Powerful Functions
Simple operation interface provides
with accurate operation experience.



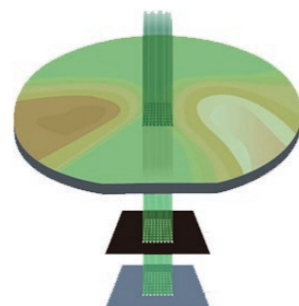
Fine marking device

- Excellent material
- Precision design and assembly
- High strength and good stability
- Long-term use without offset



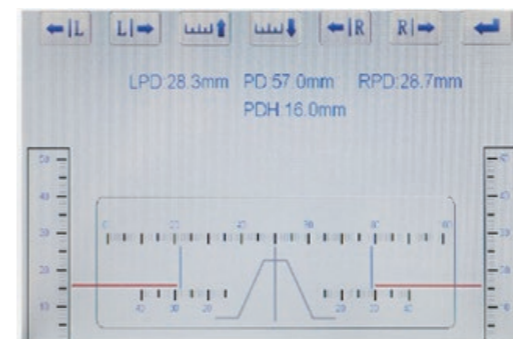
Hartmann multipoint measurement technology

- Hartman 150 sensing points
- High-speed CCD camera
- Fast, efficient and accurate measurement
- No Abbe parameter compensation required



Frame pupil height measurement

- Determine the pupillary distance of the frame, mark the center of the left and right lenses, and then align the frame with the electronic pupil distance ruler on the display. Move the ruler up and down to correspond to the center of the left and right lenses to measure the pupil height of the frame.



Data transmission external equipment

- An external USB and an RS232 interface can be connected to a computer, Phorofter, refractometer and other equipment to save and share data.



Selective pen

- Plus ink-type pen and ink-type pen tip. Two types of ink pen
- Not damage the lens surface
- Dotted effect is good. Dot solid and round
- Easy and convenient replacement



UV transmittance

- It can measure the ultraviolet light transmittance of various lenses, and can measure transmittance values from 0% (UV400 lens) to 100% (white light lens), providing a reference basis for eyewear wearers to choose lenses.

