

SHANGHAI LINK INSTRUMENTS

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)
Cornea curvature radius: 5.0 ~ 10.0mm (0.01mm accuracy)
Cornea diopter: 33.00D ~ 67.0D (when the corneal equivalent diopter is 1.3375)
Corneal astigmatism: 0.00D-15.00D (0.06D / 0.12D / 0.25D units)
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



ARK-4000

Auto Ref/Keratometer



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SHANGHAI LINK INSTRUMENTS CO., LTD.



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

ARK-4000

Auto Ref/Keratometer



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



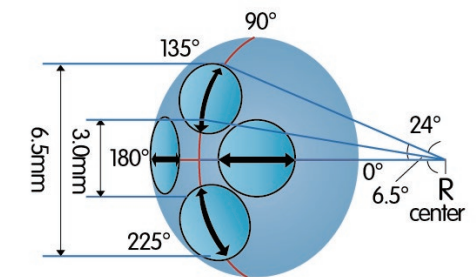
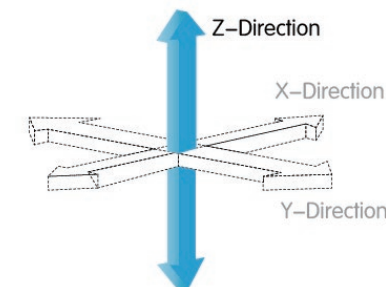
By pressing the Up & Down buttons, the users can set and adjust the height of the patient's chin freely and quickly

Data Record

DATA RECORD									
R	SPH	CYL	AX	L	SPH	CYL	AX		
1	-0.50	-1.50	95	1	-0.50	-1.25	99		
2	-0.50	-1.50	95	2	-0.50	-1.25	99		
3	-0.50	-1.50	95	3	-0.50	-1.25	99		
4				4					
5				5					
6				6					
7				7					
8				8					
9				9					
10				10					
AVG	-0.50	-1.50	95	AVG	-0.50	-1.25	99		

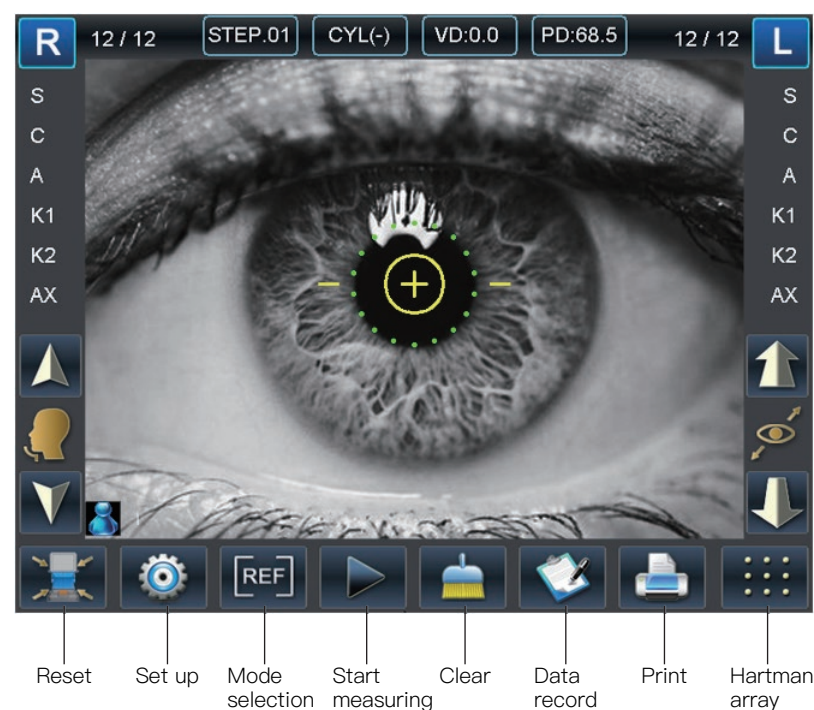
3 groups of data stored each measurement, maximum 10 groups of data can be stored

UP/down Auto Tracking



Measure peripheral keratometry precision of eyes with contact lenses fitting

Operation Interface Function



Hartmann Imaging Processing Technology

