

# SHANGHAI LINK INSTRUMENTS

## Professional Design



## Features

Hartman Type Refractor
High Definition Clear Retina Image with New Optics
Adapted High Speed Image Acquisition and Image Identification
Flip Monitor
Auto Horizontal, Vertical and Back Force Motorized Focus
High Speed and Auto Cut Printer

## Specification

VD Range: 0.0, 12.0, 13.75, 15.0
Spherical Range: -20.00D ~ + 20.00D (VD = 12mm, 0.01, 0.06, 0.12, 0.25 Increments)
Cylinder Range: 0.00D ~ + 10.00D (0.06, 0.12, 0.25 Increments)
Axis : 1° ~ 180° (1° Increments)
Cylinder Symbol: -, +, ±
PD: 10 ~ 86mm
Mini Pupil Size: 2.0mm
Average Measurement Time: <0.5 seconds.
Pupil Distance: 2.00 – 8.00mm
Max Brighness: <30uw (safety Assure)
Curvature Radius: 5.0 ~ 10.0mm (0.01mm Increments)
Refractive Power: 33.00D ~ 67.0D (when the corneal equivalent diopter is 1.3375)
Corneal Power: 0.00D ~ -15.00D (0.06D / 0.12D / 0.25D Increments)
Date Save: 10 Group Left/Right Eye
Axis : 1° ~ 180°
Target: Auto Fog
Monitor: 9-inch TFT Touch Screen (Flip)
Printer: 57mm Width, Auto Cut
Power : AC 100 ~ 250V, 50 / 60Hz, Wide Voltage
Net Weight: 22 Kgs
Gross Weight: 26.5 Kgs
Packing: (L) 680mm x (W) 400mm x (H) 640mm



# ARK-8500

## Automatic Refractometer



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SHANGHAI LINK INSTRUMENTS CO., LTD.



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



# ARK-8500

## Automatic Refractometer



### Adjustable LCD Touch Screen



High brightness and contrast 9" wide color TFT LCD screen, smooth touch mode, different angle can be adjusted

### Motorized Chin Rest



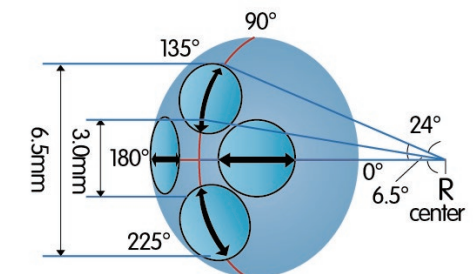
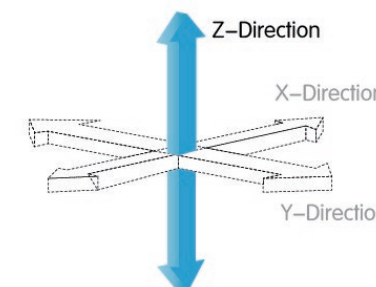
By pressing the Up & Down buttons, the users can set and adjust the height of the patient's chin freely and quickly

### 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				

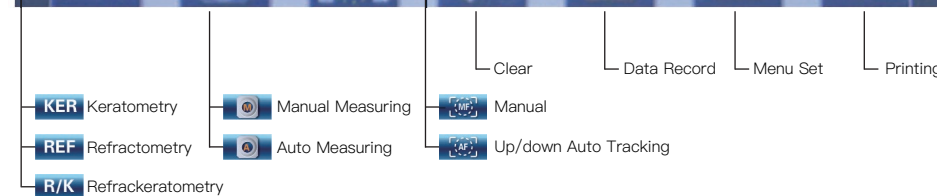
3 groups of data stored each measurement, maximum 10 groups of data can be stored

### UP/down Auto Tracking



Measure peripheral keratometry precision of eyes with contact lenses fitting

### Operation Interface Function



Intuitive icons provide the user an easier operating circumstances, and make the measurement become more convenient and the data to be measured more accurate and fast

### Hartmann Inaging Processing Technology

