

Do what you want to do, save what you hope in time and money

AR(K)7610

Auto Refrac(Kera)tometer

The most cost-effective
Hartmann refrac(kera)tometer in the world



Adjustable LCD Touch Screen



High brightness and contrast 7" 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

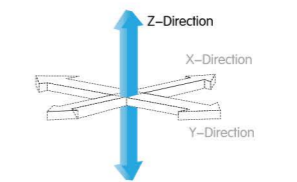
3 groups of data stored each measurement, maximum 10 groups of data can be stored

Operation interface function

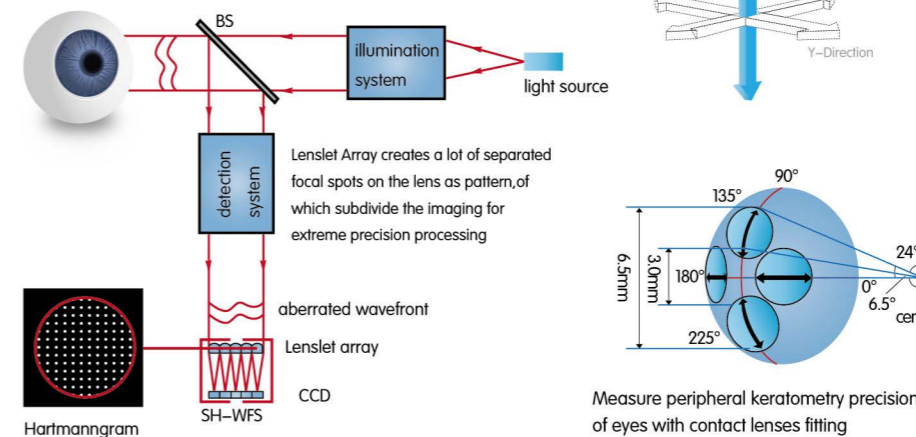
KER Keratometry **Manual Measuring** **Manual**
REF Refractometry **Auto Measuring** **Up/down Auto Tracking**
R/K Refrackeratometry **Clear** **Data Record** **Menu Set** **Printing**

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

Up/down Auto Tracking



Hartmann imaging processing technology



Professional Design





TECHNICAL INDEXES

New optical system, unique imaging impression

Hartman imaging analyzing and processing technology, accurate measurement result

TFT touch screen, can move front and back freely

Motorized chinrest

Manual focusing, auto measuring

Vertex Distance(VD): 0.0, 12.0, 13.75, 15.0

SPH: -30.00D~+25.00D (VD=12mm, 0.01, 0.06, 0.12, 0.25 Unit)

CYL: 0.00D~± 10.00D (0.12, 0.25 Unit)

Axis(AX): 1° ~180° (1° Unit)

Cylinder Form: -, +, ±

Puiple Distance(PD): 10~85mm

Minimum Pupil Diameter: 2.0mm

Measuring Time: < 0.5s

Pupil Diameter: 2.00~8.00mm

Measuring Light Energy: < 30uw (Insure measuring safety)

Radius of Curvature: 5.0~10.0mm (0.01mm Unit)

Corneal Power: 33.00D~67.00D

(In case that the corneal equivalent refractive power is 1.3375)

Corneal Astigmatism: 0.00D~15.00D (0.06D/0.12D/0.25D Unit)

Data Storing: Each 10 measured values of left eyes and right eyes

Axis: 1° ~180°

Chart: Auto fog

Monitor: 7" TFT LCD touch screen (Angle of view adjustable)

Built-in Printer: 57mm thermal printer

Electrical Power: AC 100~250V, 50/60Hz

N.W.: 16kg

G.W.: 19.5kg

Dimensions(packing): (L)650mm X (W)400mm X (H)620mm

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