

AR-7610 Auto Refractometer

ARK-7610 Auto Ref/Keratometer

Feature:

- New optical system, unique imaging impression
- Hartmann imaging analyzing and processing technology, accurate measurement result
- TFT touch screen, can move front and back freely Motorized chin rest
- Manual focusing, auto measuring
- 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



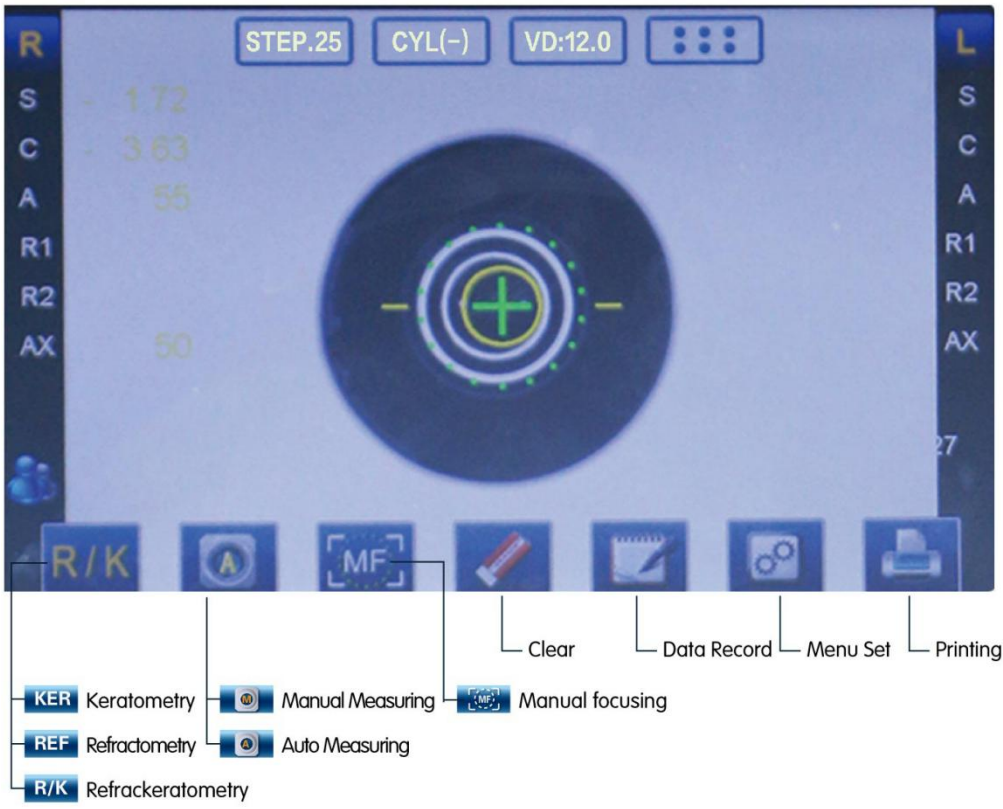
By pressing the Up & Down buttons, the users can set and adjust the height of the patient's chin freely and quickly

Data Record



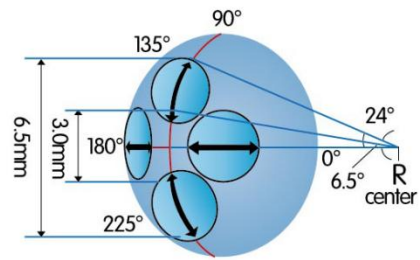
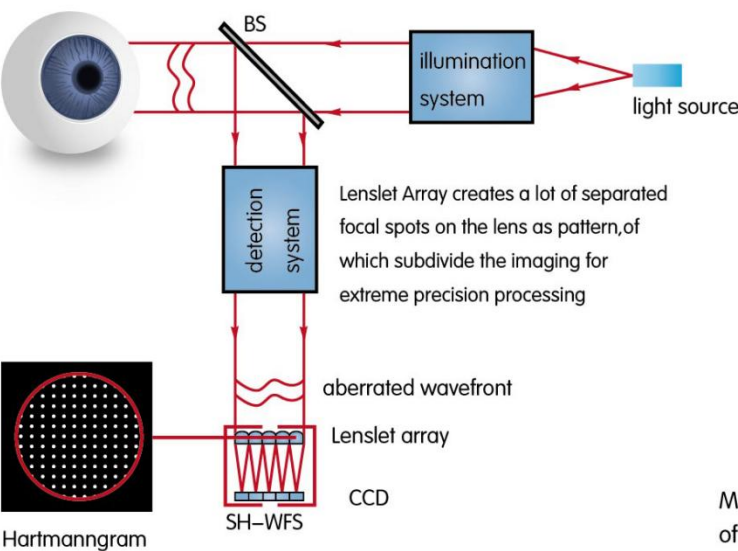
3 groups of data stored each measurement, maximum 10 groups of data can be stored

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 imaging processing technology



Measure peripheral keratometry precision of eyes with contact lenses fitting

Technical Data

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~t 10.00D (0.06, 0.12, 0.25 Unit)
Axis(AX)	10 ~180 (10 Unit)
Cylinder Form	-, +, ±
Puiple Distance(PD)	10~86mm
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