

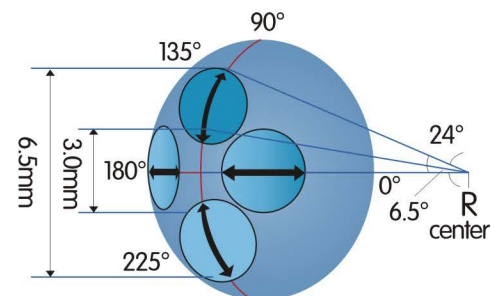
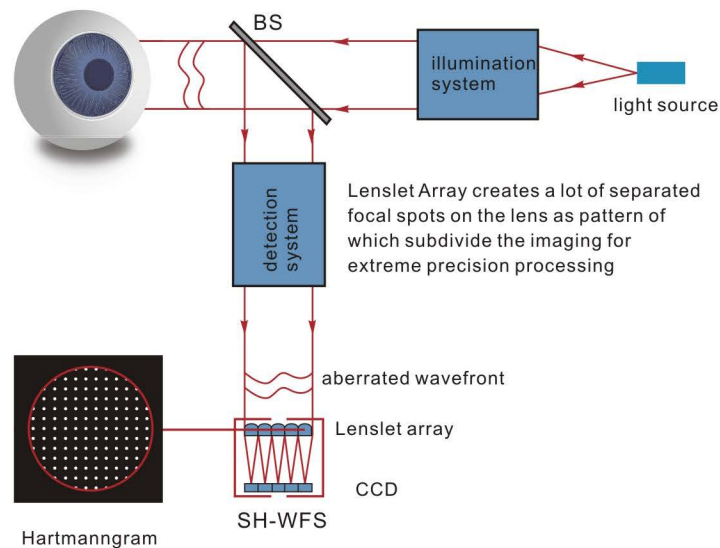
AR-7610 AUTO REFRACTOMETER ARK-7610 AUTO REF-KERATOMETER

FEATURES

- Cost-effective with both refractometry and keratometry functions
- Hartman testing method
- Adjustable 7" LCD touch screen
- Motorized Chin rest
- Motorized Joystick to move testing body up & down easily and quickly
- Manual focusing and auto measuring



Hartmann imaging processing technology



Measure peripheral keratometry precision of eyes with contact lenses fitting



Adjustable 7" LCD Touch Screen



Motorized Chin Rest

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

Data Record

SPECIFICATIONS

•Refractometry:

Vertex Distance(VD).....0,12,13.75,15mm
Sphere(SPH).....-30.00~+25.00(wide range)
(VD=12mm,0.01,0.06,0.12 or 0.25D unit)
Cylinder(CYL).....0.00~±10.00D(0.06,0.12 or 0.25D unit)
Axis(AX).....1~180°(increment:1°)
Sign of cylinder.....-,+,±
Pupil Distance(PD).....10~86mm
Pupil diameter.....Ø2.00~Ø8.00mm
Minimum pupil diameter.....Ø2.0mm

•Keratometry:

Radius of curvature.....5.00~10.00mm(increment:0.01mm)
Corneal power.....33.00~67.00D
(in case that the corneal equivalent refractive power is 1.3375)
Corneal astigmatism.....0.00~15.00D
(Increments0.06/0.12/0.25D)
Axis.....1~180°(increment:1°)
Corneal diameter.....2.01~14.00mm(increments: 0.1mm)

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.

•Others:

Monitor: Sharp 7 inch color TFT LCD touch screen
(Angle of view adjustable)
Built-in Printer: 57mm thermal printer
Chart: Auto fog
Measuring Time: <0.5 second
Measuring light energy: <30μw
Memory of Data: 10 measured values for each eye,
both Refractometry and Keratometry
Power supply: AC 100~240V, 50/60Hz
Packing dimension: 650(W)X400(D)X620(H)mm
Net weight/Gross weight: 19.5kgs/16kgs
Data output: RS-232 interface

