

AL-view

Eye Axial Length View



www.shtopview.com

上海拓扑威实业有限公司
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SHTOPVIEW

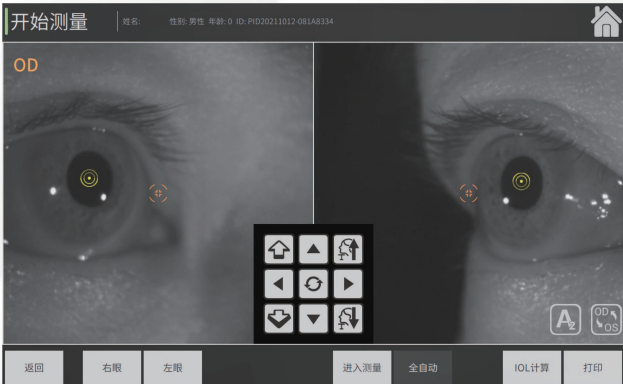
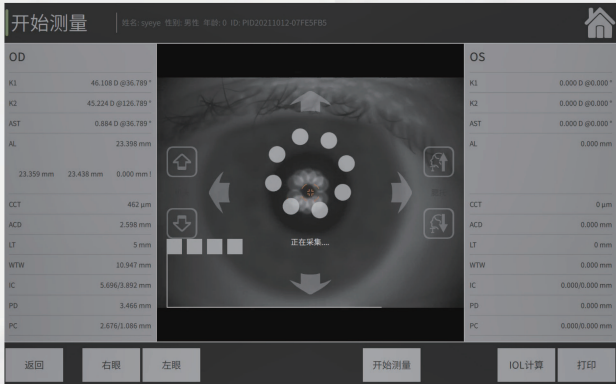


PRODUCT FEATURE

- automatic operation without handle, one finger touch get all results automatically
- compact design with computer build in
- micron level ensure accurate eye axial length measurement
- biological progress analysis available
- built-in thermal printer



Auto alignment, auto focus,
automatic achieve binocular results



8 group optical parameters were obtained
by one measurement

AL	mm	类型
<右眼>	23.40	phakic
<左眼>	23.28	phakic
K (phi=3.141592653589793)		
<右眼>	mm D	deg
K1	7.32 46.11	36.79°
K2	7.46 45.22	126.79°
Avg	7.39 45.67	>
<左眼>	mm D	deg
K1	7.26 46.66	174.69°
K2	7.14 47.26	94.69°
Avg	7.20 46.86	>
<左眼>	-0.80 174.69°	
ACD	mm	LT
<右眼>	μm	mm
Avg	2.60 461.82	4.39
<左眼>	μm	mm
Avg	2.67 433.90	4.31
WTW	mm	IC
<右眼>	mm	mm
	10.95 5.70/3.89	
<左眼>	mm	mm
	10.93 6.30/4.07	
PD	mm	PC
<右眼>	mm	mm
	3.47 2.68/1.09	
<左眼>	mm	mm
	2.68 2.44/1.15	

SPECIFICATION

Measuring Range	axial length	14-38mm
	Corneal curvature	5-11mm
	Anterior chamber depth	0.7-8mm
	Lens thickness	1-10mm(lens)
		0.13-2.5mm(intraocular lens)
	Center cornea thickness	0.2-1.2mm
	Cornea white to white	7-16mm
	Pupil diameter	2-13mm
Accuracy	Curvature range	180 degree
	Axial length	0.01mm
	Corneal curvature	0.01mm
	Anterior chamber depth	0.01mm
	Lens thickness	0.01mm
	Center cornea thickness	0.01mm
	White to white	0.1mm
	Pupil diameter	0.01mm
Repeatability	Axis of sight eccentricity	0.01mm
	Axis angle	1 degree
	Axial length	0.02mm
	Corneal curvature	(1 σ)+/-30 μ m
	Anterior chamber depth	0.02mm
	Lens thickness	0.02mm
	Center cornea thickness	0.02mm
	White to white	(1 σ)+/-0.3 μ m
	Curvature difference	$\pm$ 9 degree

Calculation formula of intraocular lens

BinkHorst- II 、 Holladay、 Hoffer-Q、 Haigis、 SRK-T、 SRK II

interfaces

USB2.0 window 10

voltage/frequency

AC 110-240V/50HZ

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