

# AL-view

Eye Axial Length View



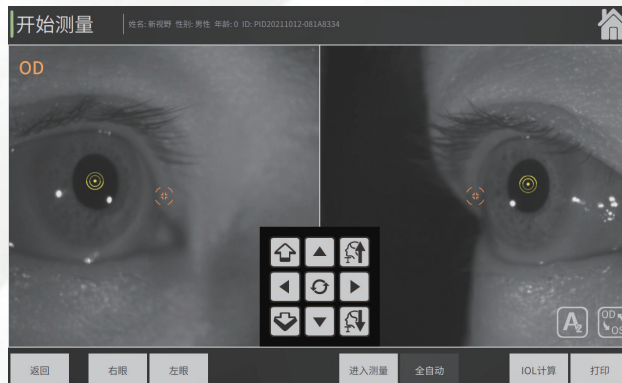
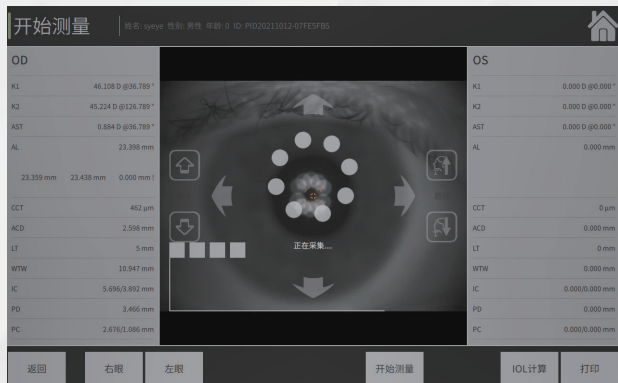
## PRODUCT FEATURE

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- 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			
-右眼>	mm		类型
Add	23.60	46.11	phakic
-左眼>	mm		类型
Add	23.28		phakic
K (Phi=2.4)@dev=1.3375			
-右眼>	mm	D	deg
<K1	7.82	46.11	36.79°
<K2	7.46	45.22	126.79°
<AVG	7.39	45.67	>
<Axis	0.88		36.79°
-左眼>	mm	D	deg
<K1	7.26	46.86	174.69°
<K2	7.14	47.26	84.69°
<AVG	7.20	46.86	>
<Axis	<0.80		174.69°
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ACD	mm	μm	LT
-右眼>	mm	461.82	4.59
AVG	2.60	461.82	4.59
-左眼>	mm	μm	mm
AVG	2.67	433.30	4.31
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WTW	mm	IC	
-右眼>	mm	5.70/3.89	
-左眼>	mm	6.30/4.07	
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PS	mm	PC	
-右眼>	mm	2.66/1.09	
-左眼>	mm	2.44/1.16	

# SPECIFICATION

<b>Measuring Range</b>	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
Curvature range	180 degree	
<b>Accuracy</b>	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
	Axis of sight eccentricity	0.01mm
Axis angle	1 degree	
<b>Repeatability</b>	Axial length	0.02mm
	Corneal curvature	(1 $\sigma$ )+/-30 $\mu$ m
	Anterior chamber depth	0.02mm
	Lens thickness	0.02mm
	Center cornea thickness	0.02mm
	White to white	(1 $\sigma$ )+/-0.3 $\mu$ 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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