

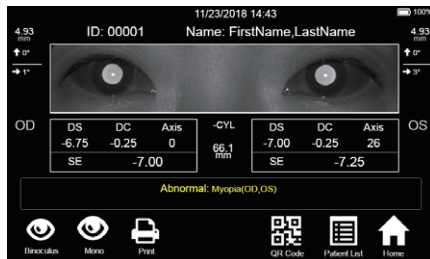


V100 Vision Screener

Protecting Vision by Detecting Abnormality

V100 is a portable diagnostic device to quickly detect vision abnormalities on patients aged from 6 months to adults. 😊

Quick Detection

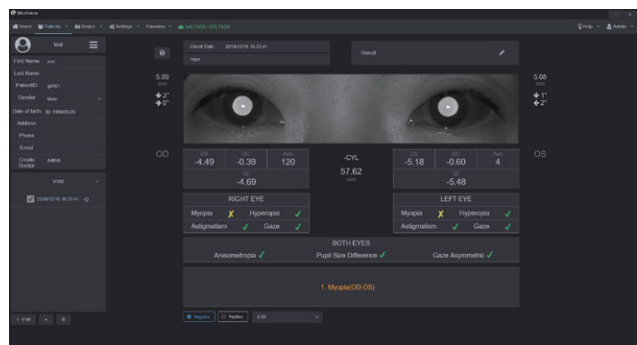
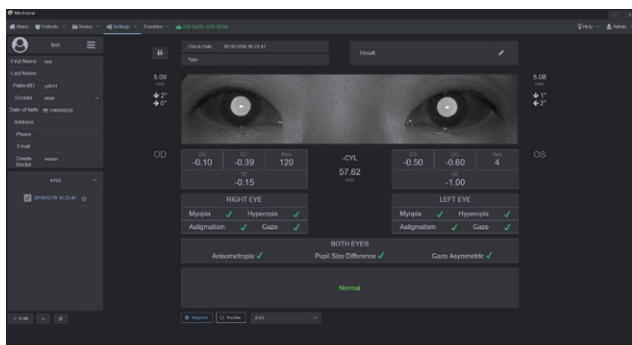


- Myopia (nearsightedness)
- Anisometropia (unequal refractive power)
- Hyperopia (farsightedness)
- Strabismus (eye misalignment)
- Astigmatism (blurred vision)
- Anisocoria (unequal pupil size)

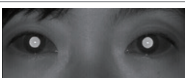
Patient Management Software

Mediview is the patient management system to help clinicians manage patient records and images and data collected by devices developed by MediWorks.

The testing result delivered by V100 can be quickly transferred to Mediview via wifi connection.



Print Report Example

Report									
Name: gbbh		Age: 50		Patient ID: 11112		Diagnostic Type:			
4.48 mm				4.44 mm					
↑ 1 → 0				↑ 1 → 0					
DS -2.50		DC -0.25		Axis 88		-CYL		DS -4.00	
SE -2.75				64.73 mm				DC -0.50	
								Axis 148	
								SE -4.25	
RIGHT EYE					LEFT EYE				
Myopia ✓					Hyperopia ✓				
Astigmatism ✓					Gaze ✓				
Anisometropia ✓					Pupil Size Difference ✓				
Gaze Asymmetric ✓									
Result: Monocular Myopia, Hyperopia, Astigmatism, Gaze									

Wi-Fi data transmission

Print via Bluetooth Printer



V100 can screen both eyes at once from 1 meter away.

Once the pupils are in focus, V100 will start to calculate automatically and deliver results within 1 second.

Specifications

Measuring Mode	Binocular/Monocular		
Measuring Time	1 s		
Automated Distance Sensing	100 cm $\pm$ 5 cm		
SPH	Range:- 9 D ~ + 7 D	CYL	Range:0 D ~ 3 D
	Resolution:0.25 D / 0.01 D		Resolution:0.25 D / 0.01 D
	Accuracy: $\pm$ 0.5 D		Accuracy: $\pm$ 0.5 D
Axis	Range:0 ~ 180°		
	Resolution:1°		
	Accuracy: $\pm$ 5°		
Pupil Size	Range:4.0 ~ 9.0 mm		
	Accuracy: $\pm$ 0.1 mm		
Pupil Distance	Range:30 ~ 80 mm		
	Accuracy: $\pm$ 1 mm		
Fixation Target	Sound and flashing light		
Working Time	5 hours		
Data Transfer	WIFI		
Screen	4.3 ” full LCD touch screen		
Charging Port	USB		
Power Supply	18650 Li-lion battery $\times$ 2 , Voltage:3.7 V , Current $\geq$ 3400 mAh		
Targeted Patient	from 6-months infant to adults		
Weight	800 g		
Power Adaptor	Power Supply:~ 100 ~ 240 V, 50 / 60 Hz, 35 VA Output:5 V, 2 A		

Features



Wireless data transfer
by wifi



Interesting sounds
to attract children



Super user-friendly with
minimal user training required



Capable of dealing with
mass screening events



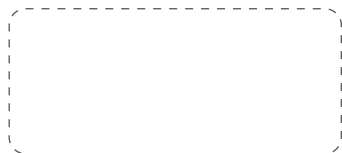
Quickly deliver testing
results in 1 second



Automated screening provides
thorough, objective, and easy-to-
understand results



Flip screen facilitate convenient
vision measuring



Shanghai MediWorks Precision Instruments Co.,Ltd.

Add: Building 7, Ming Pu Plaza, No. 3279, San Lu Rd, Min Hang District, Shanghai, 201100, China

Tel: +86-21-54260421 54260423 Fax: +86-21-54260425

Email: marketing@mediworks.biz
international@mediworks.biz

Follow us



www.mediworks.biz

202306 *Subject to change in design or specification without advance notification

Details Make the Difference