

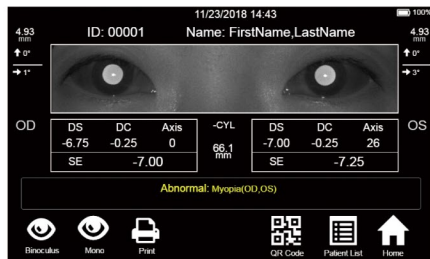


V100 Vision Screener

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

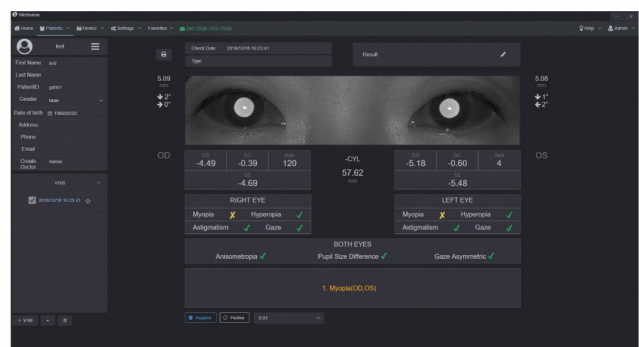
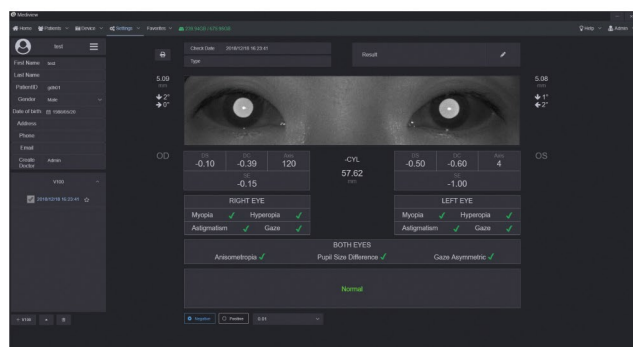


- Myopia (nearsightedness)
- Anisometropia (unequal refractive power)
- Hyperopia (farsightedness)
- Strabismus (eye misalignment)
- Astigmatism (blurred vision)
- Anisocoria (unequal pupil size)

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
+1
+0

4.44 mm
+1
+0

| | DS | DC | Axis | -CYL | DS | DC | Axis |
|----|----------|-------|------|----------|----------|-------|------|
| OD | -2.50 | -0.25 | 88 | 64.73 mm | -4.00 | -0.50 | 148 |
| | SE -2.75 | | | | SE -4.25 | | |

RIGHT EYE

Myopia ☒ Hyperopia ☒
Astigmatism ☒ Gaze ☒

LEFT EYE

Myopia ☒ Hyperopia ☒
Astigmatism ☒ Gaze ☒

BOTH EYES

Anisometropia ☒ Pupil Size Difference ☒ Gaze Asymmetric ☒

| | DS | DC | Axis | -CYL | DS | DC | Axis |
|----|----------|-------|------|----------|----------|-------|------|
| OD | -2.50 | -0.25 | 88 | 64.73 mm | -4.00 | -0.50 | 148 |
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RIGHT EYE

Myopia ☒ Hyperopia ☒
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LEFT EYE

Myopia ☒ Hyperopia ☒
Astigmatism ☒ Gaze ☒

BOTH EYES

Anisometropia ☒ Pupil Size Difference ☒ Gaze Asymmetric ☒

Result:

Monocular

Myopia, Hyperopia, Astigmatism, Gaze

Binocular

Anisometropia, Strabismus, Anisocoria

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 | 1s | | |
| Automated Distance Sensing | 100cm \pm 5cm | | |
| SPH | Range:-9D~+7D Resolution:0.25D/0.01D Accuracy: \pm 0.5D | CYL | Range:0D~3D Resolution:0.25D/0.01D Accuracy: \pm 0.5D |
| Axis | Range:0~180° Resolution:1° Accuracy: \pm 5° | | |
| Pupil Size | Range:4.0~9.0mm Accuracy: \pm 0.1mm | | |
| Pupil Distance | Range:30~80mm Accuracy: \pm 1mm | | |
| 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-ion battery \times 2 , Voltage:3.7V , Current \geq 3400mAh | | |
| Targeted Patient | from 6-months infant to adults | | |
| Weight | 800g | | |
| Power Adaptor | Power Supply:~100-240V, 50/60Hz, 35VA Output:5V, 2A | | |

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



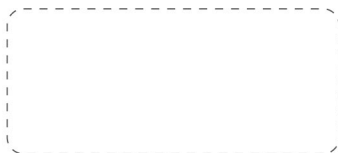
Quickly deliver testing
results in 1 second



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



Flip screen facilitate convenient
vision measuring



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Details Make the Difference