

Hand held Vision Screener

HVS002



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HVS-002 Vision Screener is clinically applicable to infants and adults for visual screening and examination.

The examination of the diopter including hyperopia, myopia, astigmatism, strabismus, amblyopia, and other ocular diseases.

Optometry Index



Screening Refer

Binocular measurement	• Myopia
Spherical DS	• Hyperopia
Cylindrical DC	• Astigmatism
Axial angle	• Strabismus
Pupil size	• Anisocoria
Pupil distance	• Anisometropia
Fixation direction	• Fixation asymmetry
Abnormal reflection recording	• Abnormal light reflection

FEATURES AND ADVANTAGES

- Real-time image display, 10 times magnification
- Brand new optical system, much larger field of view
- Video function offering live data
- Easy operation and high definition imaging
- Multi data transfer and storage system
- Light weight 850g, movable and portable

TECHNICAL SPECIFICATIONS

Operating system	Windows	Platform	Pad
Display screen	Touch screen	Operating mode	Binocular measurement
Refractive detection	Auto	Working distance	1m
Pupil diameter	Range: 2.0mm~9.0mm	Pupil distance	Range: 35mm~80mm
Spherical	Range: -7.50D~+7.50D Accuracy: $\pm 0.25D$	Cylindrical	Range: 0.00D~3.00D Accuracy: $\pm 0.50D$
Detection time	$\leq 1S$	Axis	Range: 1° ~ 180° Accuracy: $\pm 10^{\circ}$
Fixation target	Lights and sounds	Others	Applicable for different screening patterns in infants, children and adults.

