

## PRODUCT CHARACTERISTICS AND ADVANTAGES

- Binocular diopter measurement
- Pupil diameter measurement
- Auto operation distance in 1 meter
- Quick screening within 1 second
- Portable and light in weight
- Changeable and rechargeable battery
- Report output

## PRODUCT TECHNICAL PARAMETERS



### PRODUCT OVERVIEW

Microclear 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

Display screen	Touch screen	Operating mode	Binocular measurement
Refractive detection	Auto	Working distance	1m
Pupil diameter	Range: 3.5mm~8.0mm	Pupil distance	Range: 35mm~80mm
Spherical	Range: -0.00D~+3.00D Accuracy: ±0.25D	Cylindrical	Range: 0.00D~3.00D Accuracy: ±0.50D
Detection time	≤1s	Axis	Range: 1°~180° Accuracy: ±15°
Fixation target	Lights and sounds	Others	Applicable for different screening patterns in infants, children and adults.

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