



## PRODUCT CHARACTERISTICS AND ADVANTAGES



### PRODUCT OVERVIEW

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 |

- 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

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: ±0.25D	Cylindrical	Range: 0.00D~3.00D Accuracy: ±0.50D
Detection time	≤1S	Axis	Range: 1°~180° Accuracy: ±10°
Fixation target	Lights and sounds	Others	Applicable for different screening patterns in infants, children and adults.