

Athena



Hand-held Vision Screener

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.



PRODUCT CHARACTERISTICS AND ADVANTAGES



- Binocular diopter measurement
- Pupil diameter measurement
- Auto operation distance in 1 meter
- Quick screening within 5 seconds
- Portable and light in weight
- Changeable and rechargeable battery
- Report output



PRODUCT TECHNICAL PARAMETERS

Optometry Index Screening Refer

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|-------------------------------|---|---|---------------------------|
| 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	5.0mm~8.0mm, ±1.0mm	Pupil distance	55mm~80mm, ±5mm
Spherical	Range: -5.00D~+3.00D Accuracy: ±0.5D	Cylindrical	Range: -3.00D~0.00D Accuracy: ±1.0D
Detection time	<5S	Axis	Range: 0°~180° Accuracy: ±20°
Fixation target	Lights and sounds	Others	Applicable for different screening patterns in infants, children and adults.

Crescent Health Co., Ltd
<http://www.crescenthealthco.com>
 Email: Brook822@163.com
 Brook@crescenthealthco.com