

OPTO CAM
SW-800

SUOER®





 **OPTO CAM**
SW-800

- Binocular refractive Detection
- Pupil diameter measurement
- Work distance 1m
- Automatic detection
- Screening takes 1 Seconds
- Handheld devices, light-weight
- Replaceable rechargeable battery
- Non-invasive measurement
- Output test report

Optometry Screening

- BinocularDetection ● ● Myopia
- DS ● ● Hyperopia
- DC ● ● Astigmatism
- Axis angle ● ● Strabismus
- Pupil size ● ● Pupil size vary
- Interpupillary distance ● ● Anisometropia
- Direction of fixation ● ● Asymmetric fixation
- Record the abnormal ● ● The abnormal reflection
- reflection of the light ● ● of the light

Convenient Data Entry

Parents can input child's information from our smart phone application and it will sync to the Vision Screener immediately. With this fast data entry function, it will make the job easier especially when deal with the screening of a large group.

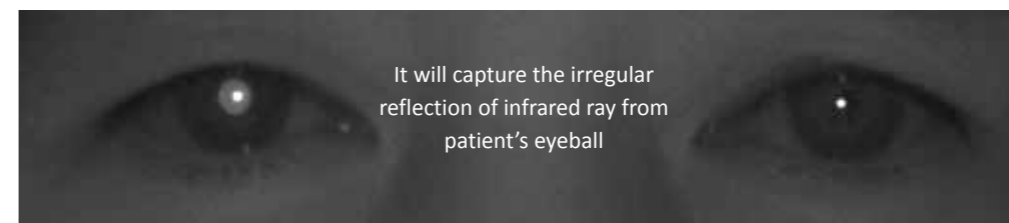


The whole optometry process 3-5"



年龄组	远视储备	远视	近视	散光	眼轴	眼压	眼位	眼位	眼位	眼位
0-12	1.5	2.25	2	0.5	1	0	3	0	0	0
12-36	1	2	2	1	1	0	3	0	0	0
36-72	1	1.75	1.25	2.5	1	0	3	0	0	0
72-240	1	1.5	1	2.5	1	0	3	0	0	0
240-1200	1	1.5	0.75	1.5	1	0	3	0	0	0

SUOER OPTO CAM can exam myopia, hyperopia, astigmatism, strabismus, asymmetric fixation, refractive paradox, etc. The result can give advice for the patient to do prevention.



Normal

Abnormal

The abnormal situation: the patient should take further examination for other eye diseases, such as cataracts, vitreous opacity, retinal tumor, etc.



Ultrasonic Ranging & Auto Focus Screening is performed from 1m away



**SPECIFICATION :****Operation mode:** Bino/Mono**Optometry:** Automatic

DS: Range: -7.50D~+7.50D
Resolution: 0.25D/0.01D
Accuracy: $\pm 0.50D$

DC: Range: 0.00D~3.00D
Resolution: 0.25D/0.01D
Accuracy: $\pm 0.50D$

Axis: Range: $1^{\circ}\sim 180^{\circ}$
Resolution: 1°
Accuracy: $\pm 5^{\circ}$

Pupil size: Range: 4.0 mm~9.0 mm
Resolution: 0.1mm
Accuracy: ± 0.1 mm

Pupil distance: Range : 35 mm~80 mm
Resolution: 1mm
Accuracy: ± 1 mm

Measuring distance: 1 m \pm 5 cm**Time per measurement:** ~1s**Data interface:** Wi-Fi, USB**Battery:** Rechargeable lithium batteries,
6 hours of duration, Replaceable**Size:** 180mm \times 130 mm \times 110mm**Display:** 5 inch touch screen**Weight:** 0.8Kg