

# SW-800 HANDHELD VISION SCREENER

SUOER Opto-Cam (SW-800) is a Simple and fast visual parameter screening instrument both monocular and binocular. SW-800 Opto-Cam measures both eyes simultaneously just like taking a photo. This device is designed to detect vision issues for patients aged 3 months through adults. A total of 8 different binocular measurement can be attained within two seconds ( hypermetropia -myopia – spherical equivalent – astigmatism – pupil distance -esophoria -exophoria -anisocoria ). Wifi and USB connection and wireless printer included .



## TECHNICAL DATA

### DS

Range	-8.50D to +8.50D
Resolution	0.25D/0.01 D
Accuracy	±0.50D

### DC

Range	0.00D to 4.50D
Resolution	0.25D/0.01 D
Accuracy	±0.50D

### AXIS

Range	1° to 180°
Resolution	10
Accuracy	±50

### PUPIL SIZE

Range	3.5mm to 9.0mm
Resolution	0.1mm
Accuracy	±0.1mm

### PUPIL DISTANCE

Range	35mm to 80mm
Resolution	1mm
Accuracy	±1mm
Gaze	0° to 20°
Measuring distance	1m±5cm
Time per measurement	~1s
Fixation target	Light flash, attractive sound
Date interface	Wi-Fi, USB
Printer Interface	USB
Battery	Rechargeable lithium batteries, 6 hours of duration, Replaceable
Size	180mm x 130mm x 110mm
Display	5 inch touch screen
Weight	0.8KG
Optional accessories	Camera tripods, printer, etc