SUOER

Vision Screener
SW-800

SUOER Opto-Cam (SW-800), Simple and fast visual parameter screening instrument. SW-800 Opto-Cam measures both eyes simultaneously just like taking a photo. This device is designed to detect vision issues for patients ages 3 months through adults. A total of 8 different binocular measurement can be attained within two seconds.

Technical data

Operation Mode	Bino/Mono
Optometry	Automatic

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

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

Axis	
Range	1° to 180°
Resolution	1°
Accuracy	±5°

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

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