

DEVICE MODEL COMPARISON

All Plusoptix Vision Screener share the same measurement technology and algorithm. Hence, measurement accuracy is identical across all available device models. The devices differ in mobility and documentation options as specified below. Every device comes with 1 year hassle-free warranty.



	STATIONARY in one exam room		MOBILE Between multiple exam rooms or locations	
	 Vision Screener plusoptiX S16		 Vision Screener plusoptiX S12C	
	 Vision Screener plusoptiX S12R			
Letter-size report & self-adhesive label	yes / yes		yes / yes	
LAN / WIFI interface	yes / yes		no / yes	
Connection to EMR / plusoptiXconnect	yes / yes		yes / yes	
External monitor interface	yes (DVI)		no	
Power supply	Medical power adapter (100 - 240 V AC / 50 - 60 Hz)		6x rechargeable batteries (Standard AA size)	
HARDWARE FEATURES				
Touchscreen operation	4.3 Inch (resistive)		5.7 Inch (capacitive)	
Weight	26.5 oz (0.75 kg)		35.3 oz (1.0 kg)	
Interfaces	4 x USB, IR, DVI, LAN (RJ-45), WLAN		2 x USB, IR, SD, WLAN	
IDENTICAL FEATURES				
Measurement Technology	Binocular infrared photo retinoscopy with unique 54 LED illumination			
Measurement Range	-7.00 to +5.00 dpt in 0.25 dpt increments			
Pupil Size	3.0 to 8.0 mm in 0.1 mm increments			
Acquisition time	dynamic, in average 0.5 sec.			
Measuring distance	3.3 ft ± 2 in (1 m ± 5 cm)			
Fixation target	Warble sound and Smiley face			
Certification	  			
SERVICE FEATURES				
Warranty	1 year hassle-free warranty included (can be extended up to 10 years after initial commissioning)			
Operating Cost	None, because no calibration or maintenance is needed			
Software Updates	Free of charge (Updates are available on our homepage www.plusoptix.com)			