




Every Plusoptix Binocular Autorefractor shares the same measurement technology and algorithm, and therefore accuracy of measurements is the same across all available device models. The differences are in mobility and documentation options, which are specified below.

	STATIONARY	MOBILE	
	IN ONE EXAM ROOM	BETWEEN MULTIPLE EXAM ROOMS OR LOCATIONS	
			
	Pediatric Autorefractor plusoptiX A16	Mobile Pediatric Autorefractor plusoptiX A12C	Mobile Pediatric Autorefractor plusoptiX A12R
EMR interface & Patient database	yes	yes	no
Letter-size report & self-adhesive label	yes	yes	yes
plusoptiXconnect compatibility	yes	yes	no
LAN / WLAN interface	yes / yes	no / yes	no / no
External monitor interface	yes	no	no
Power supply	Medical power adapter	6x rechargeable AA batteries	6x rechargeable AA batteries
HARDWARE FEATURES			
Touchscreen operation	4.3 Inch (resistive)	5.7 Inch (capacitive)	4.3 Inch (resistive)
Weight	26.5 oz (0.75 kg)	35.3 oz (1.0 kg)	28.2 oz (0.8 kg)
Interfaces	4 x USB, IR, DVI, LAN (RJ-45), WLAN	2 x USB, IR, SD, WLAN	2 x USB, IR, SD
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		
Certifications	FDA (USA), Health Canada (Canada), CE (Europe)		
SERVICE FEATURES			
Warranty	1 year hassle-free warranty (only USA and EU; extensions are available for purchase)		
Software Updates	Free of charge (can be downloaded from our website)		
Operating Cost	No need for calibration and maintenance		