




Every Plusoptix Pediatric 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 | 4.0 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, Canada 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 | | |