



Hillrom™

Welch Allyn® Spot® Vision Screener

PRODUCT SPECIFICATIONS

| | |
|---------------------------------------|--|
| Dimensions | 8 1/2 in x 6 3/4 in x 4 3/4 in (21.6 cm x 17.1 cm x 12.1 cm) |
| Weight | ~2.55 lbs (1157 g) |
| Wireless Network | 802.11 a/b/g/n |
| Operating Temperatures | 50°F to 104°F (+10°C to +40°C) |
| Operating Humidity | 30% to 75% relative humidity (non-condensing) |
| Storage/Shipping Temperatures | 32°F to 122°F (0°C to +50°C) |
| Storage/Shipping Humidity | 0% to 95% relative humidity (non-condensing) |
| Storage/Shipping Atmospheric Pressure | 800 hPa to 1060 hPa |
| Expected Battery Life | 2.5 years (under normal usage) |

MEASUREMENTS

| | |
|-----------------------|---|
| Spherical Equivalent | Range: -7.50D to +7.50D in 0.25D increments Accuracy: -3.50D to 3.50D, ± 0.50D; -7.50D to < -3.50D, ± 1.00D; > 3.50D to 7.50D, ± 1.00D |
| Cylindrical | Range: -3.00D to +3.00D in 0.25D increments Accuracy: -1.50D to 1.50D, ± 0.50D; -3.00D to < -1.50D, ± 1.00D; > 1.50D to 3.00D, ± 1.00D |
| Cylindrical Axis | Range: 1 to 180 degrees in 1 degree increments Accuracy: ± 10 degrees (for cylinder values > 0.5D) |
| Pupil Size | 3.0 mm to 9.0 mm in 0.1 mm increments in ± cylinder* Accuracy: ± 0.4 mm |
| Pupil Distance | Range: 35 mm to 80 mm in 1 mm increments Accuracy: ± 1.5 mm |
| Gaze Measurement | 0 to 20 degrees in increments of 1 degree nasal, temporal, inferior and superior Accuracy: ± 1.5 degrees |
| Time Per Measurement | Second(s) |
| Measuring Distance | 3.3 ft ± 2 in (1 m ± 5 cm) |
| Fixation Target | Random visual pattern and audible sound |
| Measurement Principal | Optical reflex |

For more information, please contact your local distributor or a Hillrom sales representative at 1-800-535-6663.

hillrom.com

*3.0 mm available for 20-100 age range.

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

