

**Baxter**  
**Welch Allyn**  
**Spot**  
VISION SCREENER

IDENTIFIES REFRACTIVE ERRORS  
AND OCULAR MISALIGNMENT IN  
CHILDREN AND ADULTS



# A NON-CONTACT, EASY-TO-USE AUTOREFRACTOR

Accurately identify refractive errors and ocular misalignment in children and adults.



I love the **Spot Vision Screener**. I take it between my two offices and use it on many patients per day. It's very fast and easy to use...it's priceless.

Dr. Bill Kegerize, Optometrist  
Genoa Family Eye Care, Oregon, OH



## EASY TO USE

Quickly capture an image of both eyes in just seconds.



## PORTABLE

Easily move device between exam rooms and patients.



## ACCURATE

Identify refractive errors and ocular misalignment.



## EFFICIENT

Seamlessly export summary reports to be uploaded to the EMR.

## FOR TODAY'S EYE CARE PROFESSIONAL

- Ideal for treating patients with small pupils, limited mobility and disabilities
- Autorefract patients of all ages without dilation (6 months to seniors)
- Measures pupils down to 3 mm (available for 20-100 age range)

## VERSATILE TECHNOLOGY

- Spherical equivalent range measures +/- 7.50D
- Refracts monocular or binocular (SE, DS, DC, axis)
- Option for +/- cylinder convention
- Simultaneous binocular readings in a single shot

## CONSISTENT AND COMPLETE RESULTS

- Automated screening provides thorough, objective and easy-to-understand results
- On-screen results of both eyes displayed in seconds
- Has been shown to capture readings 97% of the time<sup>1</sup>
- Print results to a desktop or label printer using a **Wi-Fi** connection
- Results sent directly to EMR with a connected workflow

## BETTER REFRACTION EXPERIENCE

- Auto-capture technology for instant results
- Intuitive, on-screen instruction to guide you through the process
- Portable to fit your workflow



## SPOT VISION SCREENER PRODUCT SPECIFICATIONS

<b>Spherical Equivalent Range</b>	-7.5D to +7.5D in 0.25D increments (D = diopters)
<b>Cylindrical Range</b>	-3.00D to +3.00D in 0.25D increments
<b>Pupil Size</b>	3.0 mm to 9.0 mm (3.0 mm available for 20-100 age range)
<b>Gaze Measurement</b>	0 to 20 degrees
<b>Dimensions</b>	Length: 8 1/2 in (20.3 cm) Width: 6 3/4 in (15.2 cm) Height: 4 3/4 in (10.2 cm)
<b>Weight</b>	~2.55 lbs (1157 g)
<b>Battery</b>	Lithium Ion. Expected life ~2.5 years (under normal usage).
<b>Time Per Measurement</b>	Second(s)
<b>Measuring Distance</b>	3.3 ft
<b>Fixation Target</b>	Random LED visual pattern and audible sound

For a complete list of product specifications, visit [hillrom.com/spotvisionscreener](http://hillrom.com/spotvisionscreener).

## ORDERING INFORMATION

<b>VS100S-B</b>	<b>Spot</b> Vision Screener, power supply and cord, wrist strap, DFU and carrying case
<b>S1-VS100</b>	<b>Spot</b> Vision Screener, <b>SmartCare</b> Support Agreement, 1-Year
<b>S1-VS100-2</b>	<b>Spot</b> Vision Screener, <b>SmartCare</b> Support Agreement, 2-Year
<b>S1-VS100-5</b>	<b>Spot</b> Vision Screener, <b>SmartCare</b> Support Agreement, 5-Year

**For more information, contact your local distributor or Baxter sales representative at 1-800-535-6663.**

**[hillrom.com/autorefractor](http://hillrom.com/autorefractor)**

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### References

1. Accuracy of the Spot and Plusoptix photoscreeners for detection of astigmatism; 2015, Mabel Crescioni, JD, DrPH, Joseph M. Miller, MD, MPH, and Erin M. Harvey, PhD

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