

WelchAllyn®

# Welch Allyn Spot™ Vision Screener



Spot™ Vision Screener is a handheld, portable device designed to help users quickly and accurately detect vision issues on patients from 6 months of age through adults.

Vision disability is the single most prevalent disabling condition among children.<sup>1</sup> Failing to detect and treat vision disorders in children may lead to partial or full blindness, and may result in issues with child development, academic achievement, self-esteem, social-emotional behavior, and juvenile delinquency.<sup>2</sup> Children up to age 2 should have their vision screened during regular pediatric visits and then every year or two through age 19.<sup>3</sup>



Conducting vision screening on young children or uncooperative patients can be time-consuming and frustrating for medical staff. Vision charts are time-intensive and can be subjective.

The AAP recommends instrument-based vision screening as an alternative to screening with vision charts for 3- to 5-year-olds. The AAP also states that instruments may be electively used on 6-month-olds to 3-year-olds as well as with older children who are unable or unwilling to cooperate with routine vision screening.



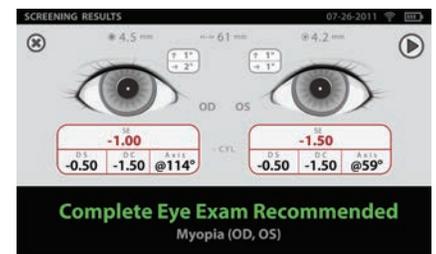
Spot Vision Screener allows you to test all of your patients, regardless of age, color of eyes, or other potentially limiting factors for the potential indication of:

- Myopia (nearsightedness)
- Hyperopia (farsightedness)
- Astigmatism (blurred vision)
- Anisometropia (unequal refractive power)
- Strabismus (eye misalignment)
- Anisocoria (unequal refractive power)



#### Simplified Vision Screening with Spot

- Handheld, portable, and self-contained device
- Fast binocular screening with a one-second capture time
- Ease of use – minimal user training is required
- A noninvasive 3-foot working distance requiring minimal patient cooperation
- Wireless printing
- WiFi connectivity



#### Objective, Accurate Results

- Automated screening provides thorough, objective results in seconds
- Easy-to-understand results help determine follow-up care
- Successfully captures readings 97% of the time
- Reliable, automated screenings mean that you're more accurately referring patients who need to see eye care specialists for more thorough testing than if you were using another means for screening

<sup>1</sup>Centers for Disease Control and Prevention: Improving the Nations' Vision Health: A Comprehensive Public Health Approach. [http://www.cdc.gov/visionhealth/pdf/improving\\_nations\\_vision\\_health.pdf](http://www.cdc.gov/visionhealth/pdf/improving_nations_vision_health.pdf)

<sup>2</sup>Zaba, Joel N., M.A., O.D., "Children's Vision Care in the 21st Century and Its Impact on Education, Literacy, Social Issues and the Workplace: A Call to Action," Sept. 2008.

<sup>3</sup>The Foundation of the American Academy of Ophthalmology, web page. <http://development.aao.org/eyecare/treatment/eye-exams.cfm>

## Spot for the Physician Office

- Spot supports AAP vision screening guidelines for early detection of amblyopic risk factors.
- It is designed to be easy to use so any staff member can successfully operate the device with minimal training.
- Lights and sounds designed to help to engage children during the screening.
- Spot's high capture rate produces meaningful results that physicians and families can rely on.
- WiFi-enabled for easy wireless printing and export of data.



## Spot in Education

- Spot can help educators to meet routine vision screening requirements.
- Spot screens both eyes in seconds, saving you up to 5 minutes per patient over using an eye chart.
- In a study using Spot to screen 537 elementary school students, Spot reduced screening time from 3 days to 5 hours as compared to using traditional methods. Spot captured definitive results on 100% of the students.<sup>4</sup>



## Spot for Organizations and Charities

- For mass vision screenings on children, the award-winning Spot Vision Screener provides fast and accurate "pass/refer" results in seconds.
- It is lightweight and portable, allowing easy transport between facilities and is as easy to use as a camera.
- Its long-lasting and rechargeable battery ensures your program is equipped for the demands of mass screening programs.

The portable Spot Vision Screener is ideal for use on patients with restricted mobility. Since this device does not require patient response, you can also use it for screening developmentally disabled patients. Therefore, in the United States, use of Spot may qualify for a 50% tax credit under the Americans with Disabilities Act (ADA). Other federal and state tax incentives could apply. These can add up to a substantial savings on your investment in a Spot Vision Screener. Consult with your tax advisor to determine if use of Spot in your practice is eligible for these tax incentives.

<sup>4</sup>Mortensen, Jeff. "The Need to Modernize Vision-Screening Practices in Schools," AAP Experience 2013, Orlando, FL.

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## Ordering Information

VS100-B	Spot Vision Screener, power supply and cord, wrist strap, and DFU
VS100S-B	Spot Vision Screener, power supply & cord, wrist strap, DFU, and carry case
106144	Spot Vision Screener Carry Case

CPT® 99174 Instrument-based ocular screening  
(e.g., photoscreening, automated refraction, bilateral)

To learn how the Spot Vision Screener can help you screen all of your patients quickly and accurately, contact your local distributor, call 1.800.535.6663 to speak with a customer care representative, or visit [welchallyn.com/spotvision](http://welchallyn.com/spotvision)

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Advancing Frontline Care™