



Welch Allyn  
Spot™ Vision Screener



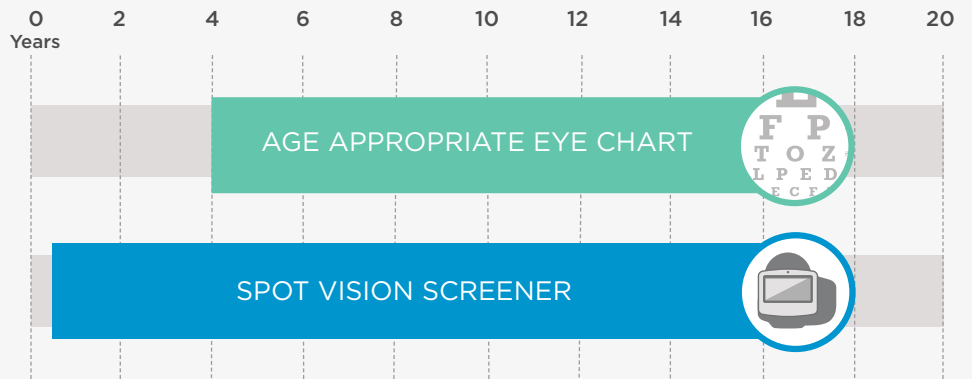
Public health and mass screening solution to simplify vision screening for your staff and volunteers.

# Experience the Difference

## The Challenge

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>1</sup>

## When to use instrument-based vision screeners?



**6 mos - 3 years**  
(pre-verbal)  
Ideal stage to detect amblyopic precursors

**4 - 8 years**  
(assess school readiness)  
Final opportunity to detect amblyopic conditions through refractive measurements

**9 - 18 years**  
(adolescence)  
Changes in vision are common as the body grows; 1 in 4<sup>1</sup> children in this stage have a vision issue

Spot Vision Screener is a hand-held, portable device designed to help users quickly and accurately detect vision issues.

Spot Vision Screener can screen and detect **six amblyopic risk factors** in children as young as 6 months:



### Myopia

nearsightedness

### Hyperopia

farsightedness

### Astigmatism

blurred vision

### Anisometropia

unequal refractive power

### Strabismus

eye misalignment



### Anisocoria

unequal pupil size

# Spot Vision Screener is revolutionizing vision screening in children.

## Better Screening Experience

- Touch-screen display is easy to operate and requires minimal user training
- Point and shoot technology with auto capture feature allows anyone to screen effectively
- Intuitive, on-screen instructions guide users through the process
- Noninvasive 3-foot working distance requiring minimal cooperation from the child
- Hand-held, portable design is comfortable for screeners and makes it easy to take along with you
- Long-lasting rechargeable battery reduces need for disposable batteries
- Pre-load student lists before a screening day to increase efficiency and then export results via USB or a wireless network



## Consistent and Complete Results



- Has been shown to capture readings 97% of the time helping to screen otherwise difficult children<sup>2</sup>
- Soothing sounds and mild infrared LED lights quickly grab child's attention
- Immediate on-screen results of both eyes offers either a "Complete Eye Exam Recommended" or "All Measurements in Range" (also lists conditions if detected)
- Screening result certificate can be printed wirelessly to label or desktop printer to improve follow-up communication

## Education



## Mass Screenings



proud corporate partner



“In past years I alone screened students; it took four months! The Spot Vision Screener is fantastic - in just three days, with the support of the Oregon LIONs, we screened 1,152 children including those with special needs.”

-Joan Pappin, School Nurse at Sweet Home School District, Oregon

### Ordering Information:

VS100-B	Spot Vision Screener, power supply and cord, wrist strap and DFU
VS100S-B	Spot Vision Screener, power supply and cord, wrist strap, DFU and carrying case
106144	Spot Vision Screener carrying case

For more information on how to improve patient outcomes and help save vision in children and adults contact your local distributor or Welch Allyn representative at 1.800.535.6663.

Learn more at [welchallyn.com/spotvision](http://welchallyn.com/spotvision).

<sup>1</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>2</sup> 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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