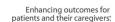


Spot Vision Screener

Product Training Overview















Licensed Training Professionals

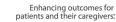


School Health understands the challenges you may face when establishing a vision screening program. We've worked with many customers to get vision screening programs in place, even in times of tight budgeting.



School Health is certified and licensed by Welch Allyn as the exclusive trainers of the Spot® Vision Screener in North America.

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EARLY CHILDHOOD

SmartCare™ Service Warranty

With your coverage under the Comprehensive Program,

you will receive:

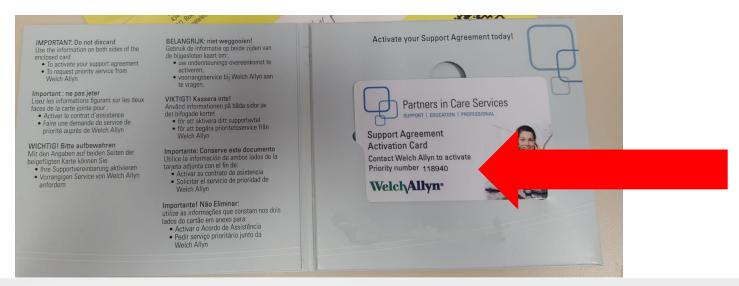
- Expert Repair Services
 - > Hillrom technicians will perform a comprehensive check-up, make repairs & return your device to optimal service
- Accessory Protections
 - > Upon return of broken, eligible accessories, Hillrom will replace one of each eligible accessory per year
 - > If device has more than one eligible accessory, we will replace each accessory, one time per year
- Accidental Damage
 - > Includes drop protection or damage caused by everyday use
- Free Shipping
 - All costs associated with shipping the product will be covered
- Remote Technical Support
 - > Trained Hillrom technical staff utilize the Hillrom Service Tool to troubleshoot issues & download updates to your device



SmartCare™ Service Warranty



- Inside every Spot box there is a yellow envelope.
- DO NOT DISCARD
- It contains your warranty priority numbers
- You will need the priority number and the device serial number to activate your SmartCare™ Service warranty





SmartCare™ Service Warranty **Activation Process**

To activate you Comprehensive Support Plan:

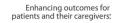
- 1. Locate the device serial number and priority numbers from the yellow envelope that was enclosed with your product shipment.
- 2. Please call Hillrom at 800-535-6663, Option 1 (US/Canada) or go to welchallyn.com/service/activate and follow the instructions
- 3. Once your PIC has been activated, Hillrom will send you a welcome letter within 10-15 days including your service agreement number, the serial number of the devices covered, and the effective dates of the agreement. Please keep these numbers in a secure place for future use.



A New Class of Vision Screening Technology



- Engineered for today's vision assessment market
- Customized for large production
- Optimal performance & durability
- Solid ergonomics for ease of use
- Embedded operating system
- Efficient size, speed, and power
- Portable camera and operating system combined
- WiFi connectivity for data transfer and printing















Easy to Use and Implement



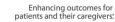
Advanced Technologies

Lithium ion battery keeps you working - no changing disposable batteries

Device design has no sharp edges and a black matte finish to reduce accommodation

Soothing sounds and visible infrared LED lights grab child's attention for quicker screenings

Easily captures results even when lighting conditions are not ideal







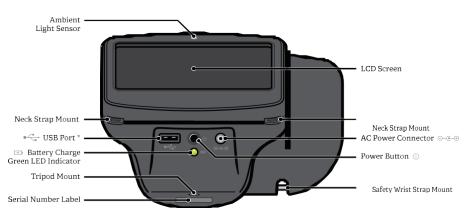








Patent-Pending Technology





Specifications

Measurement distance: ~ 3 feet away Capture time: one second or less

Operating system: embedded interactive touchscreen

WiFi enabled

Battery use: over 4 hours Weight: ~ 2.5 pounds

Measurement Range

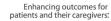
Refraction (SE): -7.50 D to +7.50 D Refraction (Cylinder): 0.00 D to 3.00 D

Refraction (Cylinder Axis): 1 to 180 degrees

Pupil size: 4.0 mm to 9.0 mm

Gaze: 0 to 20 degrees

Pupil distance: 35 mm to 80 mm









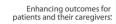






Screen A Subject

















Easy to Use and Implement



Launch



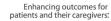
Begin Testing



Touch-screen display and point-and-shoot technology allows for one-touch activation.



Easy to use and easy to implement with minimal user training required. Screen both eyes at once from a comfortable 3.3 foot distance.















Easy Capture Indicator



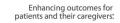
"Too Far"
Move camera
toward subject

Hold camera still (about 3 feet away)

"Too Close"

Move camera

away from subject















Binocular Vision Screener

Spot screens for these common vision issues:

Refractive errors

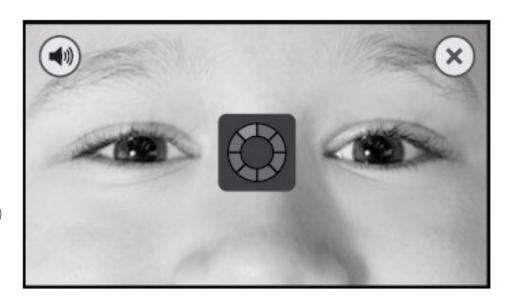
Myopia (near-sightedness) Hyperopia (far-sightedness) Astigmatism (blurred vision)

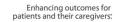
Amblyopic precursors

Anisometropia (unequal refractive power) Strabismus (eye misalignment)

Pupil abnormalities

Anisocoria (pupil size deviations)



















Easy to Use and Implement

Three Distinct Screening Modes

Instant Screening

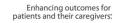


Pre-Enter Subject Data



Select from Queue











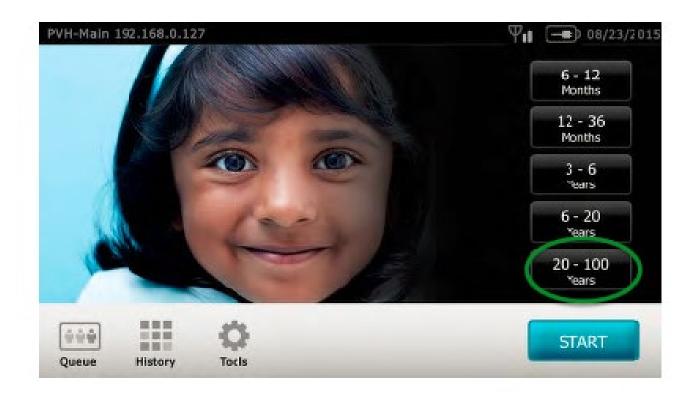


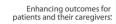






Quick Start Process









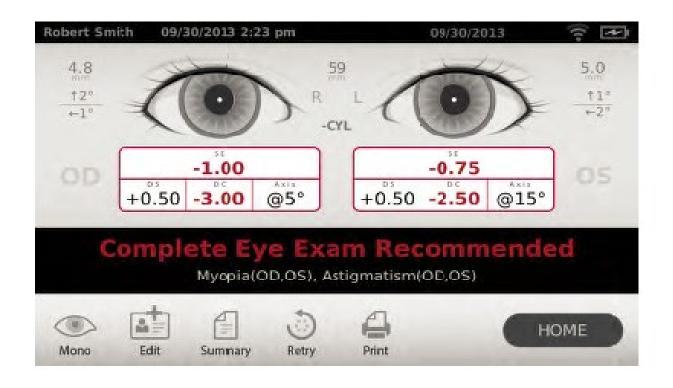


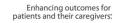






Results Screen







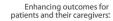




Enter Subject Data After Test



-Select section to open keyboard









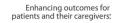






Enter Subject Data After Test











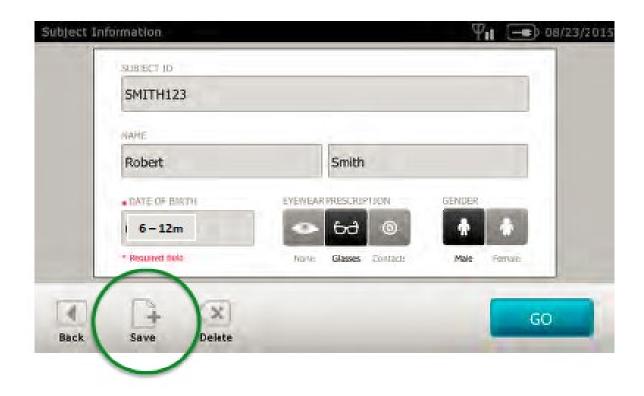




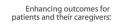




Save Data



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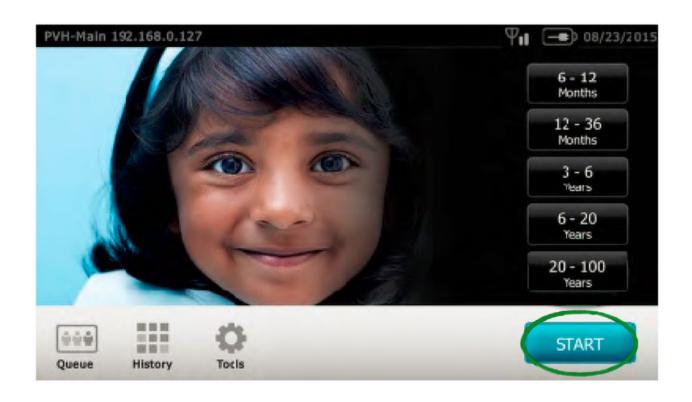


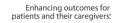




EARLY CHILDHOOD

Pre-Enter Subject Data













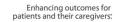




Enter Subject Data



-Select section to open keyboard







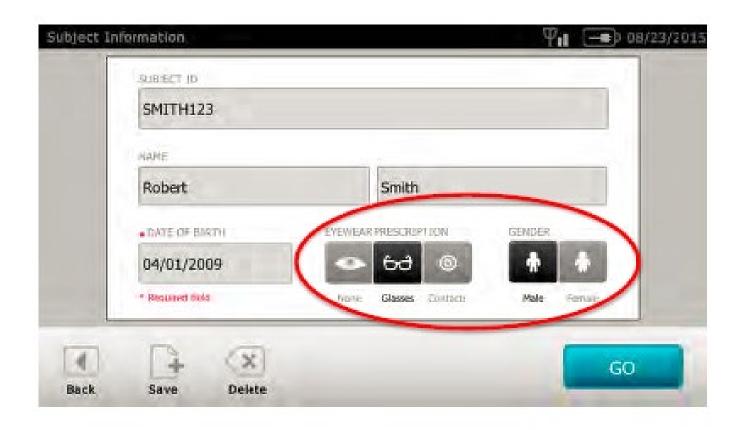




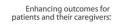




Additional Subject Information



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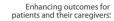


EARLY CHILDHOOD

Additional Subject Information



- -This selection is only for data tracking on the SpotsResultsExpanded.csv file
- -Making a selection of "No" or "Yes" does not alter how the device measures









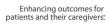






Import/Export Screening Results









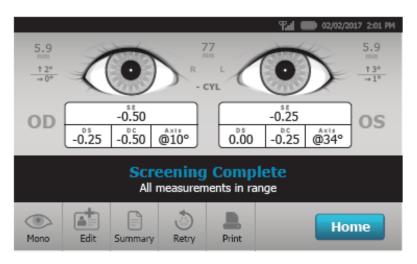




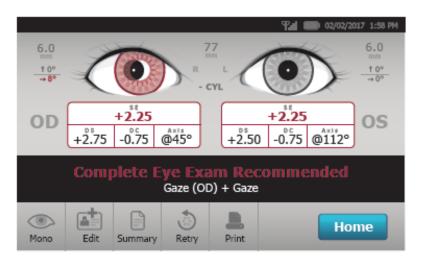




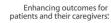
SPOT VISION SCREENER Instant Screening Results Displayed



"Screening Complete" with the indication of "All measurements in range" is consistent with screening results below the configurable threshold setting.



"Complete Eye Exam Recommended" with indication of potential vision disorders is consistent with screening results above the configurable threshold setting.









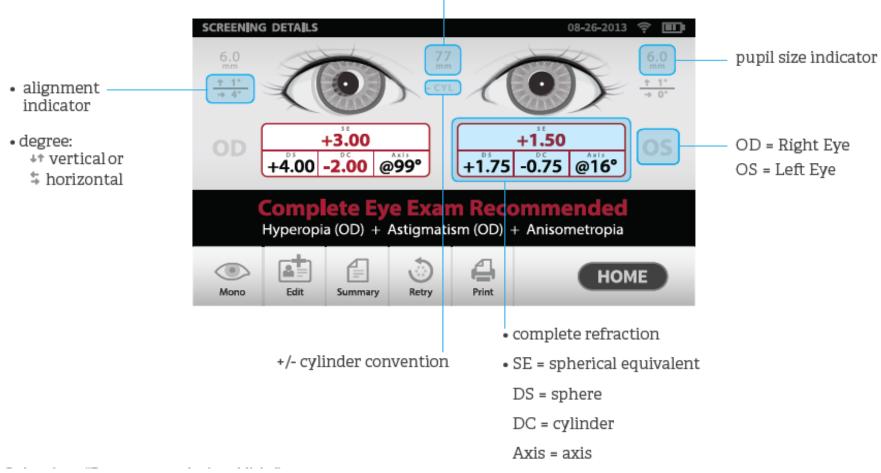




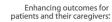


Vision Screening – Results Explained

pupillary distance



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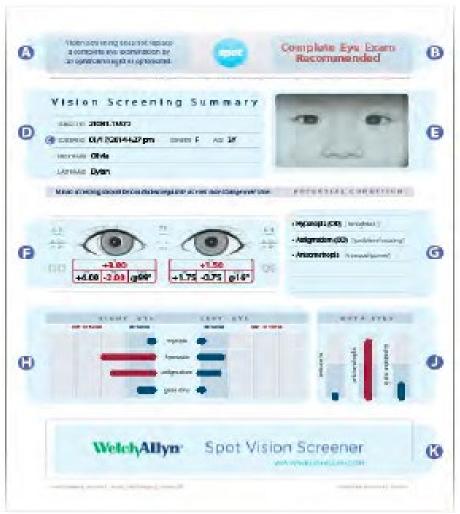






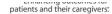
EARLY CHILDHOOD

Printed Report ~8.5" x 11" Paper



- A Disclaimer
- **B** Screening Results
- Date/Time of Test
- Demographic Information
- Photo of Subject
- Data Display
- **G** Potential Conditions
- Right Eye & Left Eye Results

 Results (In-Range=blue, Out of Range=red)
- Analysis of Both Eyes
- Customizable Banner





















Helpful Hints

How to get best results from screenings:

> Distance to shoot from -

- 1 meter (a little over one yard from patients eyes,
- The child may sit in the parents lap if they are more comfortable doing so.

> Lighting; Dim is best -

- It is very important to have minimal to no direct bright lights, this includes sunlight and fluorescent lights.
- Try using sunglasses when pupils are too small. First try screening through them, if that doesn't work remove the glasses and try again without them
- The pupils need to be between 3-9mm to capture a screening. If the pupils are too small you will need to reduce the light in the room, if they are too large you can introduce light for the opposite effect



Helpful Hints

How to get best results from screenings:

- > Technician stance when screening -
 - Keep handheld device at "eye" level with the pat eye's – not above or below so as to get the most accurate reading
 - The ideal screening position is standing up with one foot slightly ahead of the other. This will also the screener to gently move in or out to reach the correct screening distance.

> Distractions to a minimum -

- Minimize all external distractions so that the child will watch the handheld device and their eyes will be focused straight ahead.
- Create a "quite zone".
- > Patients/Childs head angle -
 - it is best to have the child's head squarely faced toward the handheld device and not angled.



GLOSSARY OF TERMS

Refractive Measurements

Consists of Sphere, Cylinder and Axis

Sphere [DS]

Measures the power of the eye for myopia and hyperopia

Cylinder [DC]

Measures the shape of the cornea

Axis

Measurable location of astigmatism

Spherical Equivalent [SE]

Equal to the sum of the value of the sphere and half of the cylinder

Pupillary Distance [PD]

Distance between the center of the pupil in each eye

Cylinder Convention

There are two different conventions for indicating the amount of cylinder: "plus cylinder notation" and "minus cylinder notation"

OD [oculus dexter]

Right eye

OS [oculus sinister] Left eve

Binocular

Both eyes

Here's what Spot Vision Screener can detect:

Myopia

Near-sightedness

Hyperopia

Far-sightedness

Anisometropia

Unequal refractive power

Astigmatism

Blurred vision, eye structure problem

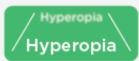
Strabismus

Eve misalignment. Gaze

Anisocoria

Pupil Size is Unequal





Anisometropla

Astigmatism









Two Great Companies. One Goal To Prevent Blindness

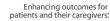




We Supply Your Future ™

Hillrom empowers clinicians and health systems with smarter tools to assess, diagnose and treat every patient with confidence. For over 100 years Welch Allyn has been based in Skaneateles Falls, NY where we develop and manufacture innovative medical technologies, including Spot Vision Screener.

School Health is a national, full-service provider of health supplies and services and the exclusive distributor in the education channel for Spot Vision Screener. School Health is an expert in vision screening, offering sales, training and service support to Lions Clubs and school-based health professionals with the one goal of helping to keep students healthy.











We Supply Your Future ™

For more information, visit: <u>SchoolHealth.com/SpotVision</u>

SCHOOL HEALTH CONTACT:

Dave Cranny 630-339-7939 dcranny@schoolhealth.com

Assistance is available from Hillrom Monday-Friday, 8 a.m.-8 p.m. Eastern

WARRANTY & SERVICE SUPPORT:

customerservice@hillrom.com 800-535-6663, Option 1

SPOT TECHNICAL SUPPORT:

technicalsupport@hillrom.com 800-535-6663, Option 2