

# A New Class of Vision Technology

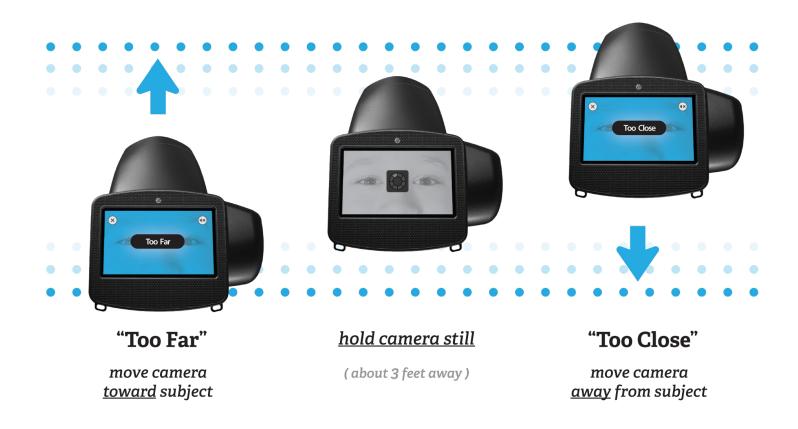


- Engineered for today's vision assessment market
- Customized for large production
- Optimal performance & durability
- Solid ergonomics for ease of use
- Embedded operating system
- Efficient size, speed and power
- Portable camera and operating system combined
- WiFi connectivity for data transfer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

## **Easy to Use**



## **Easy Capture Indicator**



## **Easy Capture**



- Quick Capture Time
  One second or less
- Device Design
   No Sharp Edges
   Matte Black Finish
- Soothing Sounds
  Volume Control
- Visual Attention (Fixation)
   Visable LEDs "Twinkle"
   Infrared Capture LEDs

# A Immediate & Meaningful Results

"Spot has helped make us more efficient in our practice... In the past we have spent so much time on kids because it would take a long time to screen children, especially non-verbal children."

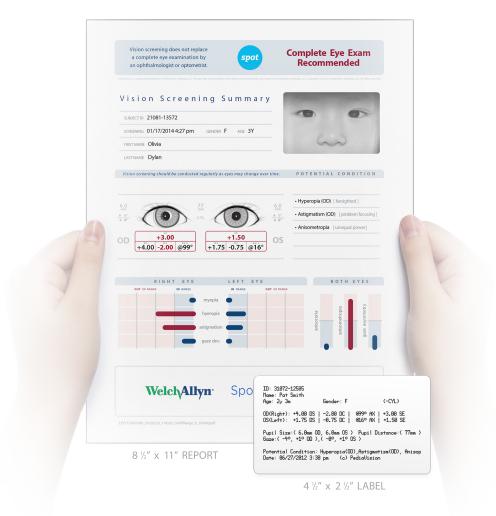
Dr. Stephanie Lyons, Optometrist
 Lyons Family Eye Care, Chicago, IL





On-Camera Results Provide Instant Feedback

## **Printed Results**



"Spot is so quick and easy to use. It literally takes one second to screen a patient and provides accurate data."

- Tenafly PediatricsTenafly, New Jersey
- Demographic Information
- Analysis of Test
- Results for Each Eye
- Binocular Results
- Severity Index
- Call to Action
- Printing Options:
  - > Print to a Network Printer
  - > Save Data and Print later

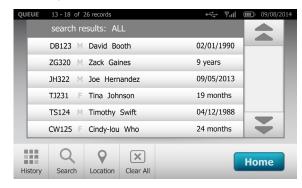
## **3 Data Entry Options**

#### **Instant Screening**



Select age range to initiate screening

#### Select from Queue



Subject data can be preloaded prior to testing

#### **Enter Subject Data**

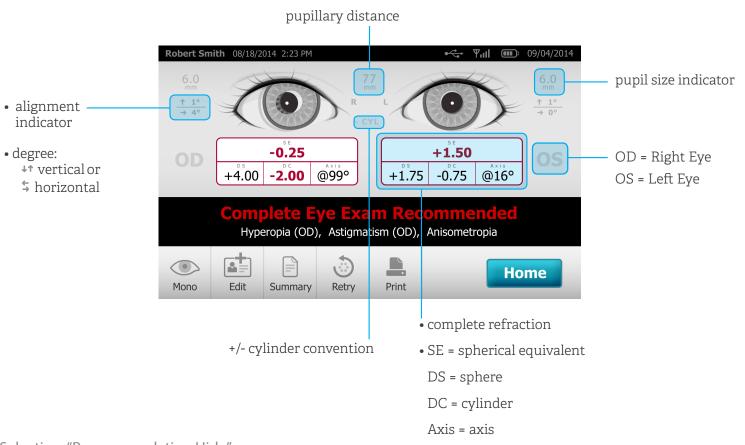


Subject information can be added before or after test

# **Binocular, Autorefraction and Alignment**

"I love Spot. I take it between my two offices and use it on many patients per day. It's very fast and unobtrusive...it's priceless."

Dr. Bill Kegerize, Optometrist
 Genoa Family Eyecare
 Oregon, Ohio



Results Selection: "Recommendation  $\underline{\text{Hide}}$ "

# **Binocular Vision Screening**

# 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

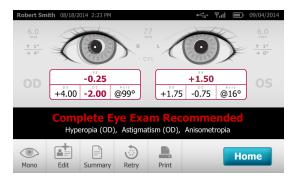
• Anisocoria (pupil size deviations)

#### "We really love using Spot

- it's very quick and easy to use."
  - Ed Jenner, Bella Vista, Arkansas



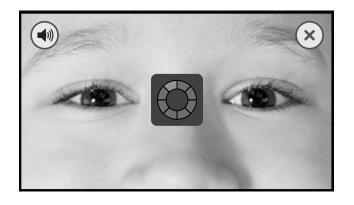
Results Selection: "Measurements - Hide"



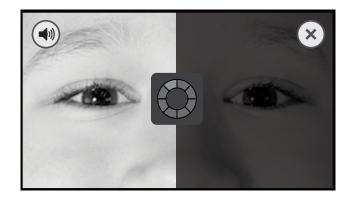
Results Selection: "Measurements - Show"

# **Binocular & Monocular Testing**

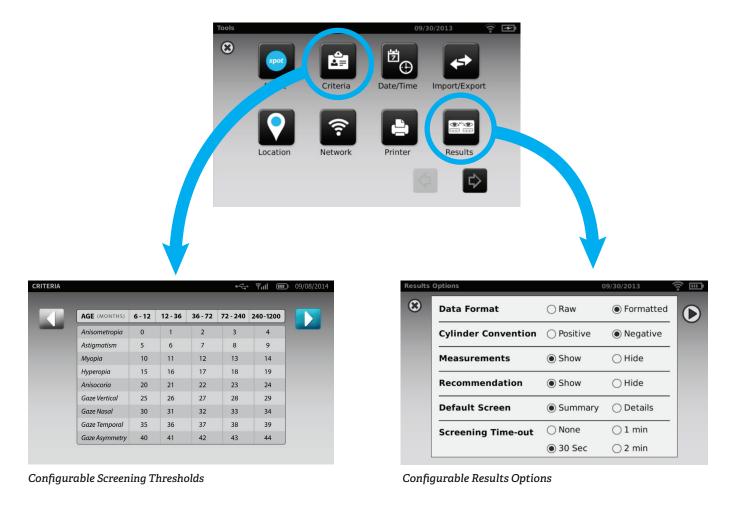
### Binocular



### Monocular



## **Configurable Options**



## **Spot Data**





- Results Saved on Device
- Export Data
  - > Physician EMR
  - > Record Back-up
  - > Historical Data & Reporting
  - > Provide Results to Patients
- Connectivity
  - > Wireless
  - > USB

#### **Browser**





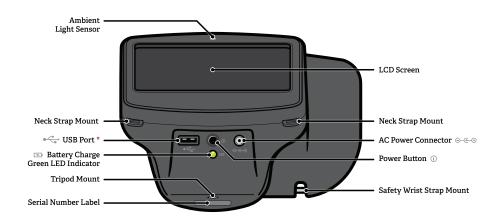


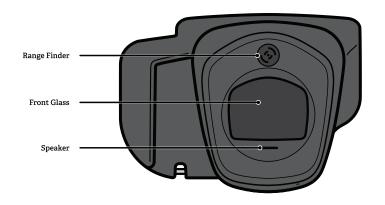
### CSV File

| 0   | Α   | В         | С          | D         | E      |
|-----|-----|-----------|------------|-----------|--------|
| 1   | Id  | Location  | First Name | Last Name | Gender |
| 2   | D98 | Lake Mary | Angela     | Bowers    | F      |
| 3   | G06 | Lake Mary | Eric       | Jones     | M      |
| 4   | G07 | Lake Mary | Frank      | Meyers    | M      |
| 5   | 131 | Lake Mary | Joseph     | Keller    | M      |
| 6   | E14 | Lake Mary | Mary       | Smith     | F      |
| 7   | B21 | Lake Mary | Tanya      | Johnson   | F      |
| 8   | C24 | Lake Mary | Jake       | Fernadez  | M      |
| 9   | J19 | Lake Mary | Jill       | Desmond   | F      |
| 10  | S92 | Lake Mary | Kirsten    | Smith     | F      |
| 4.4 |     |           |            |           |        |



# Patent-Pending Technology





Manufactured in the USA

#### 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



For more information, visit: https://www.schoolhealth.com/spot-vision-screener-and-accessories