

# CHOOSING A VISION SCREENER

**plusoptix**  
20 Series

SPOT Vision Screener™

GoCheck Kids™

2WIN/Kaleidos™

|                                                                               |             |                                  |                                 |                                   |
|-------------------------------------------------------------------------------|-------------|----------------------------------|---------------------------------|-----------------------------------|
| Instantly Evaluates Amblyogenic Risk Assessing 6 Different Visual Conditions? | ✓           | ✓                                | ✗                               | ✓                                 |
| Enhanced Trans-Illumination Testing to Evaluate Media Opacities On-Screen     | ✓           | ✗                                | ✗                               | ✓<br>(limited due to screen size) |
| 5 Built in Screening Thresholds Designed to Meet User's Needs                 | ✓           | ✗                                | ✗                               | ✗                                 |
| Visual Acuity Testing On-Screen                                               | ✓           | ✗                                | ✓                               | ✗                                 |
| Accuracy (Sensitivity/Specificity) <sup>(1)</sup>                             | 90.2% / 88% | 87% / 84.5%                      | 81% / 68.1%                     | 67.4% / 83.7%                     |
| Measurement Time                                                              | 0.5 Seconds | 2 Seconds or Less <sup>(2)</sup> | 1 Minute or Less <sup>(3)</sup> | 3 Seconds <sup>(4)</sup>          |
| 36 Performance LEDs Provide Optimal Pupillary Illumination                    | ✓           | ✗                                | ✗                               | ✗                                 |
| Commercially available, User Replaceable Battery                              | ✓           | ✗                                | ✗                               | ✗                                 |

Rebion Blinq™ is not part of the comparison because it is not the device's purpose to detect risk factors that may lead to amblyopia. This device aims at detecting already developed amblyopia. <sup>5</sup>

Welch Allyn Spot™ [www.hillrom.com/en/products/spot-vision-screener](http://www.hillrom.com/en/products/spot-vision-screener)  
GoCheckKids™ [www.gocheckkids.com](http://www.gocheckkids.com)  
<https://www.adaptica.com/>

(1) Sopeyin Anuoluwapo, Young K. Benjamin, Howard A. Martha; 2020 Evaluation of Portable Vision Screening Instruments, Yale Journal of Biology and Medicine 94 (2021), pp 107-114 (2013 AAPOS Guidelines)

(2) Welch Allyn Spot [www.hillrom.com/en/products/promotions/top-reasons-to-choose-spot-vision-screener](http://www.hillrom.com/en/products/promotions/top-reasons-to-choose-spot-vision-screener), 1/13/2022

(3) GoCheck Kids [www.gocheckkids.com/workflow](http://www.gocheckkids.com/workflow), 2/2/2022

(4) <https://www.adaptica.com/>, 1/23/24

(5) <https://www.rebion.net/blinq>, 8/8/2024