



STEREO OPTICAL

FUNCTIONAL VISION ANALYZER™

Day/Night Vision Testing With/Without 2 Glare levels

Contrast Sensitivity/ Functional Vision /Quality of Vision

The Functional Vision Analyzer® controls both target illumination and 2 glare luminance levels for accurate and repeatable testing results

Features Include:

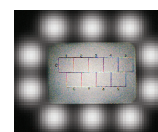
- **New Unsurpassed Homogeneous Illumination**
- **Background Luminance Complies with International Standards**
- **All Light Levels Microprocessor Controlled and Continually Calibrated**
- **Binocular Glare Testing**
- **Target Illumination** comes standard with 3.0 cd/m² for **night** testing, and 85 cd/m² for **day** testing, or may be customized* to specific needs with a value range of 1.0 cd/m² to 125 cd/m²
- **Glare luminance** at distance comes standard with 1 Lux and 28 Lux for **night** glare testing; 10 Lux and 135 Lux for **day** glare testing
- **Contrast Sensitivity** test to evaluate the patient's overall functional vision
- **Potential Acuity** for a quick assessment of macular function
- Includes F.A.C.T.® Contrast Sensitivity slide package



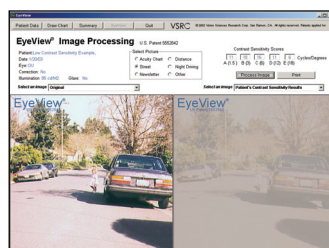
Remote Control



Radial Glare Source



** Note: Customized target illumination, glare levels, & test packages must be determined upon order placement*



Post Treatment Pre Treatment

EyeView®

Functional Vision Analysis Software

- Easy to score and interpret patients' results with EyeView® Software
- Demonstrate patients' functional Vision results with pictures

Optec, F.A.C.T., & C.A.T. are registered trademarks of Stereo Optical Company, Inc. Contrast Vision Test (F.A.C.T.) developed by Arthur P. Ginsburg, Ph. D. EyeView is a registered trademark of Vision Sciences Research Corp. (US patent #5,552,842) Licensed under US Patent #4, 365, 873 & 5,414, 479 & 5, 500, 699 by Vision Sciences Research Corp. Self-Calibrating Vision Test Apparatus, US Pat 5,078,486 VectorVision, Inc. The Holladay Contrast Test (C.A.T.) developed with Jack T. Holladay, MD, FACS

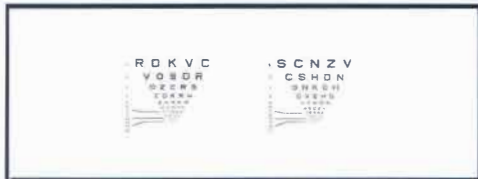
Tests for distance and near acuity, color, phorias, stereopsis, and potential acuity.
Ideal for clinical or research practices.



Slide #1 (3000-037) Far Point
Acuity Monocular (20/160 to 20/12.5)



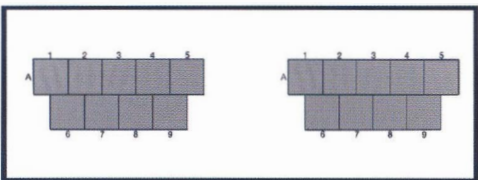
Slide #2 (3000-042) Far Point
Acuity Binocular (20/160 to 20/12.5)



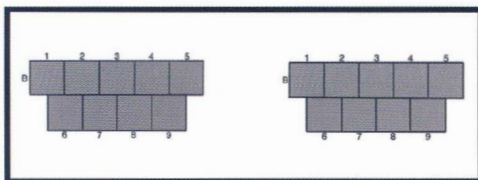
Slide #3 (2000-185) Near Point
Acuity Monocular (20/160 to 20/12.5)



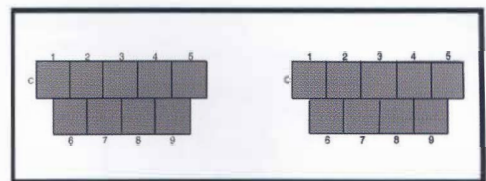
Slide #4 (2000-189) Near Point
Acuity Binocular (20/160 to 20/12.5)



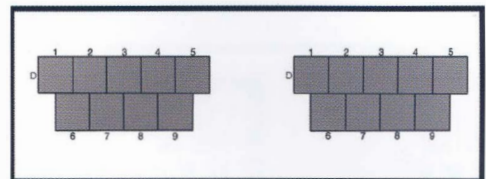
Slide #5 (3000-171)** Far Point
Functional Acuity Contrast Test
1.5 Cycles Per Degree Monocular



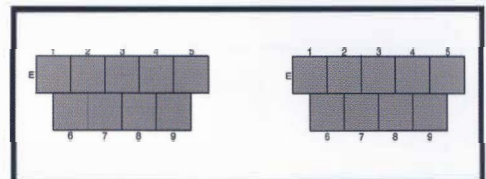
Slide #6 (3000-172) Far Point
Functional Acuity Contrast Test
3 Cycles Per Degree Monocular



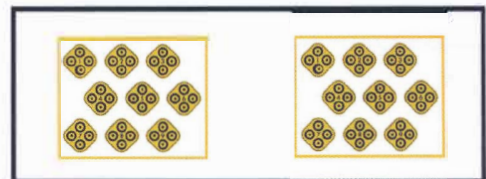
Slide #7 (3000-173) Far Point
Functional Acuity Contrast Test
6 Cycles Per Degree Monocular



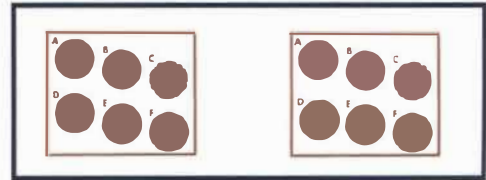
Slide #8 (3000-174) Far Point
Functional Acuity Contrast Test
12 Cycles Per Degree Monocular



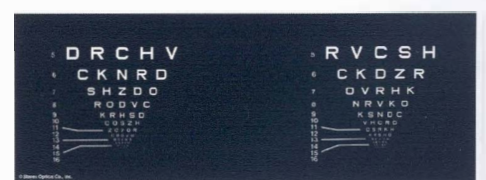
Slide #9 (3000-175) Far Point
Functional Acuity Contrast Test
18 Cycles Per Degree Monocular



Slide #10 (2000-024) Far Point
Stereo Depth Perception (400 to 20 Seconds of Arc)



Slide #11 (2000-010) Far Point
Color Perception (Pseudo Ishihara)



Slide #12 (3000-037R) Far Point
Potential Acuity Monocular (20/160 to 20/12.5)

** Enlarged to show pattern

