



STEREO OPTICAL



Vision Screening Products Catalog





WELCOME



For over 70 years, Stereo Optical has been an expert in the manufacturing, selling, and global distribution for vision screening products across many markets and professions, with trusted use and validation. Stereo Optical has defined and revolutionized the visual assessment testing process. Our stereo tests and Optec vision testing products are known as the gold standard in vision screening. Our mission is to continue to develop innovative screening technology for the emerging needs of our community. We were founded with the vision to assist professionals, businesses and organizations in a variety of industries including optometry, ophthalmology, occupational health, driver rehabilitation, drivers licensing, schools and military to develop comprehensive vision screening protocols. By supporting our partners with service, education and training, we will continue to raise awareness to the necessity of vision screening to help detect visual impairment; thereby improving the lives of individuals across the globe.

Stereo Optical is a business unit of EssilorLuxottica, a strong global brand with extensive vision-care experience.

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- Stereotests & Color Tests 16
- Screening Cards & Vectograms 20
- Accessories & Supplies 23

		Optec® Screeners Comparisons						
		5000	5000P	5500	5500P	5000 PG Rehab	FVA	1000P
FEATURES	Standalone	✓	✓	✓	✓	✓	✓	✓
	Lightweight	✓	✓	✓	✓	✓	✓	✓
	Software	-	-	-	-	-	✓	-
	Customizable 12 Test Slides	✓	✓	✓	✓	✓	✓	-
	F.A.C.T. (Contrast Sensitivity)	-	-	-	-	✓	✓	-
	Normality Database	-	-	-	-	-	✓	-
	Glare Test	-	-	-	-	✓	✓	-
	Peripheral Test	-	✓	-	✓	✓	✓	✓
	Day/Night	-	-	-	-	✓	✓	✓
	CONTROL	Wired Control Pad	-	-	✓	✓	✓	✓
Manual Rotary Dial		✓	✓	-	-	✓	-	-
Motorized Rotary Dial		-	-	✓	✓	-	✓	-



VISION SCREENERS



Optec® 5000 / Optec 5000P

Ideal for pre-screening, to quickly and accurately test patients in a controlled environment

Screen under a variety of conditions, including monocular, binocular, near, distance, and intermediate.

- Standalone, lightweight, and portable
- Far, intermediate, and near acuity testing, color vision, depth perception, fusion, and phorias
- Quick, repeatable and accurate
- No license or certificate necessary to operate
- Optec 5000P can also function as a peripheral vision test
- Includes a slide package with a set of 12 test slides as well as the option to create a custom slide library from more than 150 test slides



FRONT VIEW



BACK VIEW

Optec® 5500 / Optec 5500P

Perform comprehensive visual screening in minimal time

Screen under a variety of conditions, including monocular, binocular, near, distance, and intermediate.

- All-in-one, lightweight, and portable
- Remote control pad to enable side-by-side testing
- Color-corrected LEDs
- Distance/Near lens systems, intermediate testing with ancillary lens
- Adult and pediatric acuity testing, color vision, depth perception, phorias, and more
- Optec 5500P can also function as a peripheral vision test
- Most popular to include with the Ophthalmic Prescreening, Driver Rehabilitation, or Industrial slide packages



FRONT VIEW



BACK VIEW



VISION SCREENERS

Optec® 1000P Series

A quick and easy way to screen for essentials

- Distance vision tests easily administered in less than 2 minutes
- Test peripheral vision on the horizontal plane with stimuli at 85°, 70°, & 55° temporal & 45° nasal
- Offers a full range of tests including:
 - Acuity
 - Color
 - Muscle balance
- Requires less than 2 square feet of space and weighs less than 10 lbs (4.5 kg)
- Standard Optec 1000P package includes adult and pediatric slides, plus lens (+1.75 D) and Allen test training flash card
- Carrying case available for easy portability



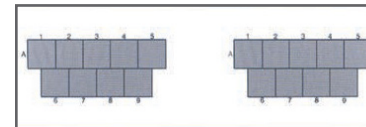
Optec® 5000PG Rehab

Ideal for occupational therapy and driver rehabilitation programs

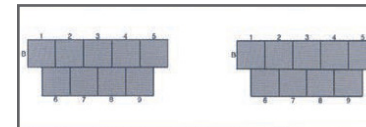
- Custom model and specially-designed 12-slide package
- Unsurpassed homogeneous illumination
- Acuity, color, peripheral vision, and more
- Contrast sensitivity testing with F.A.C.T. - the industry standard
- Calibrated day and night testing, with or without glare



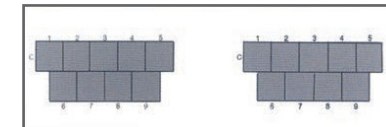
OPTEC REHAB SLIDE PACKAGE



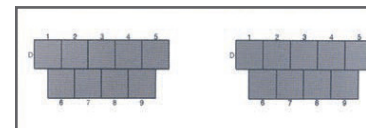
Slide #1 (3000-171)** Far Point Functional Acuity Contrast Test 1.5 Cycles Per Degree Monocular



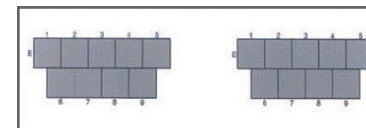
Slide #2 (3000-172) Far Point Functional Acuity Contrast Test 3 Cycles Per Degree Monocular



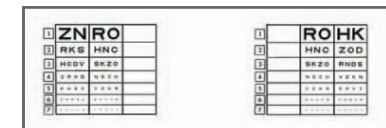
Slide #3 (3000-173) Far Point Functional Acuity Contrast Test 6 Cycles Per Degree Monocular



Slide #4 (3000-174) Far Point Functional Acuity Contrast Test 12 Cycles Per Degree Monocular



Slide #5 (3000-175) Far Point Functional Acuity Contrast Test 18 Cycles Per Degree Monocular



Slide #6 (2000-003) Far Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/200-20/20)



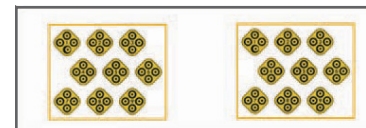
Slide #7 (2000-010) Far Point Color Perception (Pseudo Ishihara)



Slide #8 (2000-007) Near Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/100-20/20)



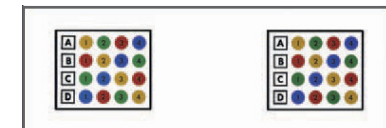
Slide #9 (2000-012) Far Point Lateral Phoria (1 Diopter Increments)



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



Slide #11 (2000-148) Far Point Road Sign Recognition & Depth Perception (620-323-145 Seconds of Arc)



Slide #12 (2000-149) Far Point Color Recognition (Red, Yellow, Green, Blue)



** Enlarged to show pattern





VISION SCREENERS

Functional Vision Analyzer

Ideal for pre- and post-op cataract or refractive surgery and clinical trials

- Includes contrast sensitivity tests (sine wave gratings)
- 4 lighting conditions - Day and night, with and without glare
- Meets ANSI standards with unsurpassed homogeneous illumination
- Optional software to illustrate real-world image of patient results, complimentary with purchase of a new screener

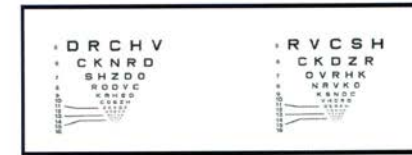
EyeView®

Functional Vision Analysis Software

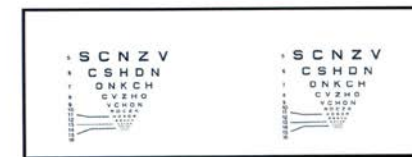
- Easy to score and interpret patients' results with the EyeView software
- Demonstrate patients' functional vision results with pictures



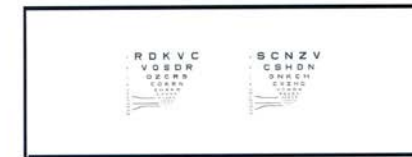
F.A.C.T. Contrast Sensitivity and also test for distance and near, acuity, color, phorias, stereopsis, and potential acuity. Ideal for clinical research or ophthalmic practices.



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



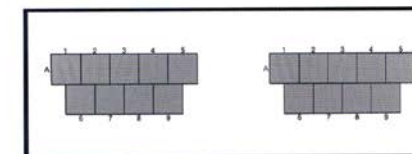
Slide #2 (3000-042) Far Point Acuity Binocular (20/160 to 20/12.5)



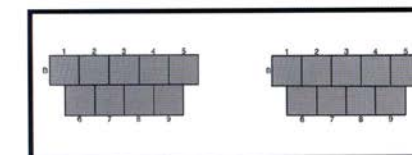
Slide #3 (2000-185) Near Point Acuity Monocular (20/160 to 20/12.5)



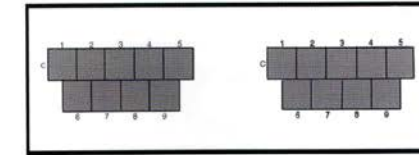
Slide #4 (2000-189) Near Point Acuity Binocular (20/160 to 20/12.5)



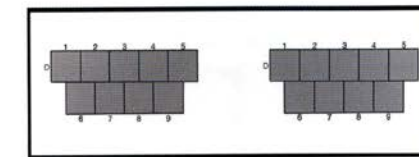
Slide #5 (3000-171)** Far Point Functional Acuity Contrast Test 1.5 Cycles Per Degree Monocular



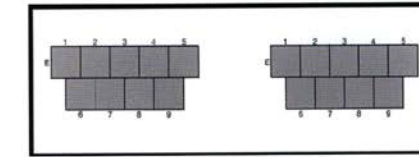
Slide #6 (3000-172) Far Point Functional Acuity Contrast Test 3 Cycles Per Degree Monocular



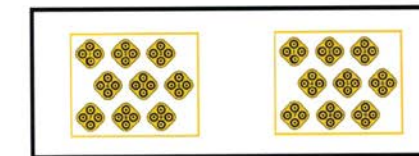
Slide #7 (3000-173) Far Point Functional Acuity Contrast Test 6 Cycles Per Degree Monocular



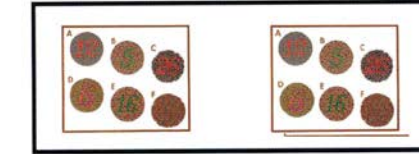
Slide #8 (3000-174) Far Point Functional Acuity Contrast Test 12 Cycles Per Degree Monocular



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

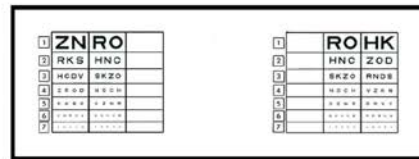


SCREENING & TEST SLIDES

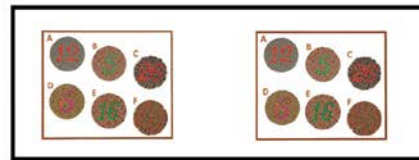


Ophthalmic Prescreening Slide Package*

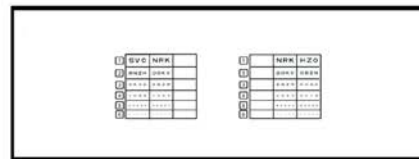
For the complete vision screening needs preschool through adult. Ideal for school athletic physicals, employment physicals, F.A.A. and general check-ups.



Slide #1 (2000-003) Far Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/200-20/20)



Slide #2 (2000-010) Far Point Color Perception (Pseudo Ishihara)



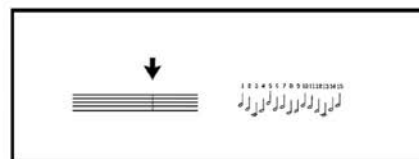
Slide #3 (2000-007) Near Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/100-20/20)



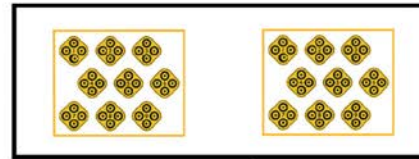
Slide #4 (2000-012) Far Point Lateral Phoria (1 Diopter Increments)



Slide #5 (2000-025) Far Point Vertical Phoria (1/2 Diopter Increments)



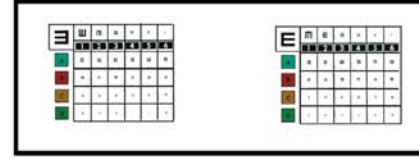
Slide #6 (2000-013) Near Point Lateral Phoria (1 Diopter Increments)



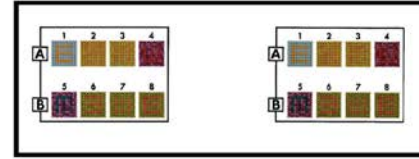
Slide #7 (2000-024) Far Point Stereo Depth Perception (400-20 Seconds of Arc)



Slide #8 (2000-087) Far Point Binocular Fusion



Slide #9 (2000-004) Far Point Acuity Right Eye & Left Eye Monocular Right Eye & Left Eye Plus Lens Test (20/200-20/20)



Slide #10 (2000-019) Far Point Color Perception (Tumbling "E")



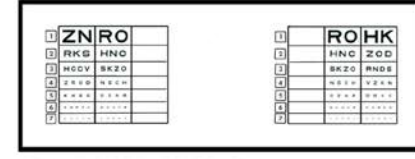
Slide #11 (2000-020) Far Point Muscle Balance (Combination Lateral & Vertical Phoria)



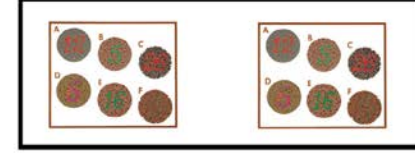
Slide #12 (2000-046) Far Point Acuity Allen Test Binocular (20/100) Monocular (20/50-20/30)

Driver Rehabilitation Slide Package*

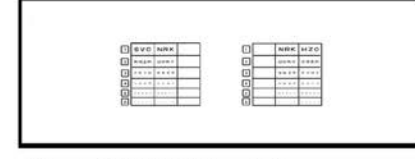
For the complete vision screening needs. Ideal for school, athletic physicals, employment physicals, driver licensing exams, D.O.T., F.A.A. and general check-ups.



Slide #1 (2000-003) Far Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/200-20/20)



Slide #2 (2000-010) Far Point Color Perception (Pseudo Ishihara)



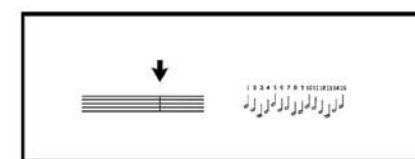
Slide #3 (2000-007) Near Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/100-20/20)



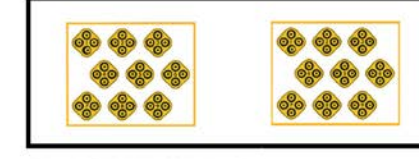
Slide #4 (2000-012) Far Point Lateral Phoria (1 Dipoter Increments)



Slide #5 (2000-025) Far Point Vertical Phoria (1/2 Dipoter Increments)



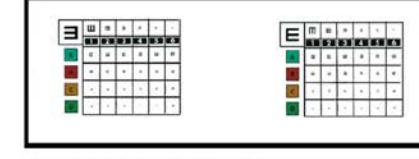
Slide #6 (2000-013) Near Point Lateral Phoria (1-1/2 Diopter Increments)



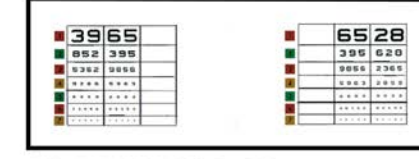
Slide #7 (2000-024) Far Point Stereo Depth Perception (400-20 Seconds of Arc)



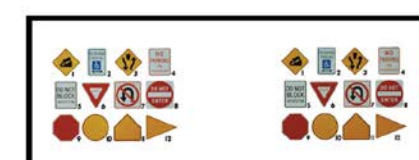
Slide #8 (2000-087) Far Point Binocular Fusion



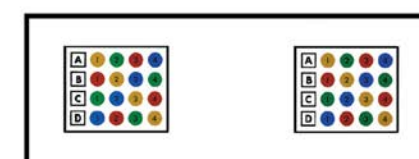
Slide #9 (2000-004) Far Point Acuity Right Eye & Left Eye Monocular Right Eye & Left Eye Plus Lens Test (20/200-20/20)



Slide #10 (2000-065) Far Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/200-20/20)



Slide #11 (2000-148) Far Point Road Sign Recognition & Depth Perception (620-323-145 Seconds of Arc)



Slide #12 (2000-149) Far Point Color Recognition (Red, Yellow, Green, Blue)

* For Optec® 5000 Series

* For Optec® 5000 Series



SCREENING & TEST SLIDES

Industrial Slide Package*

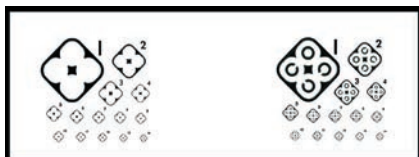
For complete occupational screening using accurate and easily understood targets to help determine effective vision. Includes Purdue Job Standards Booklet to easily identify individuals requiring further testing for all occupations. Intermediate lenses available for VDT operators, which is the fastest growing population in the industry today. Now test Distance, Intermediate, and Near Point Vision.



Slide #1 (2000-147) Far Point
Demonstration Highway (Fixation for Peripheral Test)



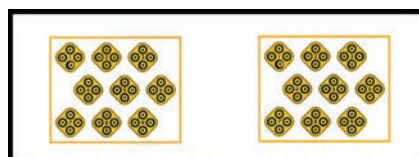
Slide #2 (2000-001) Far Point
Acuity Both Eyes Binocular
(20/200-20/13)



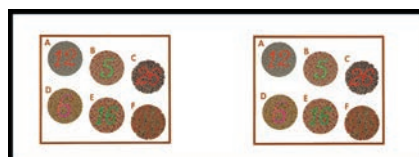
Slide #3 (2000-008) Far Point
Acuity Right Eye Monocular
(20/200-20/13)



Slide #4 (2000-005) Far Point
Acuity Left Eye Monocular
(20/200-20/13)



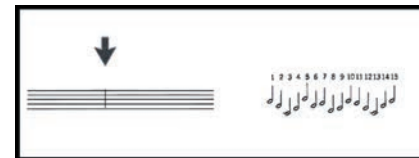
Slide #5 (2000-024) Far Point
Stereo Depth Perception
(400-20 Seconds of Arc)



Slide #6 (2000-010) Far Point
Color Perception (Pseudo Ishihara)



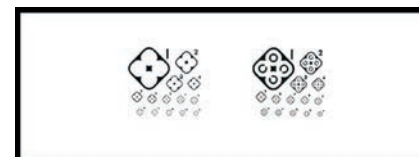
Slide #7 (2000-025) Far Point
Vertical Phoria (1/2 Diopter Increments)



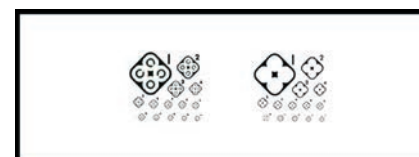
Slide #8 (2000-012) Far Point
Lateral Phoria (1 Diopter Increments)



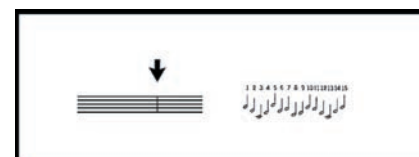
Slide #9 (2000-002) Near Point
Acuity Both Eyes Binocular
(20/200-20/13)



Slide #10 (2000-009) Near Point
Acuity Right Eye Monocular
(20/200-20/13)



Slide #11 (2000-006) Near Point
Acuity Left Eye Monocular
(20/200-20/13)



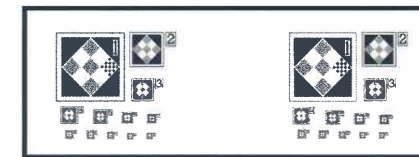
Slide #12 (2000-013) Near Point
Lateral Phoria (1 Diopter Increments)

*For Optec® 5000 Series

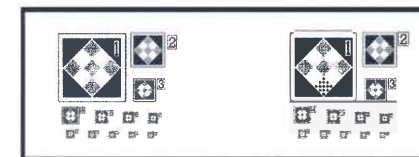


International Slide Package*

For complete occupational screening using accurate and easily understood targets to help determine effective vision. Includes Job Standards Booklet to easily identify individuals requiring further testing for all occupations. Intermediate Lenses available for VDT operators, which is the fastest growing population in the industry today. Now test Distance, Intermediate, and Near Point Vision.



Slide #1 (2000-255) Far Point
Acuity Both Eyes Binocular
(20/200-20/17)



Slide #2 (2000-256) Far Point
Acuity Right Eye Monocular
(20/200-20/17)



Slide #3 (2000-257) Far Point
Acuity Left Eye Monocular
(20/200-20/17)



Slide #4 (2000-258) Far Point
Stereo Depth Perception
(362-9.7 Seconds of Arc)



Slide #5 (2000-259) Far Point
Color Perception (Pseudo Ishihara)



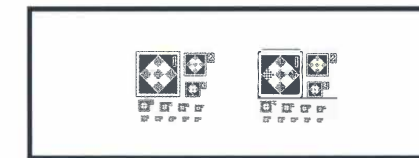
Slide #6 (2000-253) Far Point
Vertical Phoria (1/2 Diopter Increments)



Slide #7(2000-254) Far Point
Lateral Phoria (1 Diopter Increments)



Slide #8 (2000-260) Near Point
Acuity Both Eyes Binocular
(20/200-20/17)



Slide #9 (2000-261) Near Point
Acuity Right Eye Monocular
(20/200-20/17)



Slide #10 (2000-262) Near Point
Acuity Left Eye Monocular
(20/200-20/17)



Slide #11 (2000-264) Near Point
Lateral Phoria (1 Diopter Increments)



Slide #12 (2000-263) Near Point
Vertical Phoria (1/2 Diopter Increments)

*For Optec® 5000 Series



SCREENING & TEST SLIDES



Medical with Michigan Preschool Slide Package*

For the complete vision screening needs preschool through adult. Ideal for school, athletic physicals, employment physicals, and general check-ups.



Slide #1 (2000-014) Far Point Acuity Binocular Tumbling "E" (20/70)



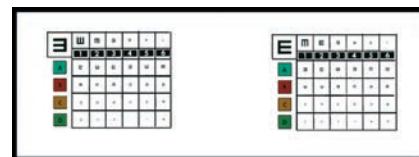
Slide #2 (2000-015) Far Point Acuity Right Eye & Left Eye Monocular Tumbling "E" (20/30)



Slide #3 (2000-016) Far Point Acuity Right Eye & Left Eye Monocular Tumbling "E" (20/30)



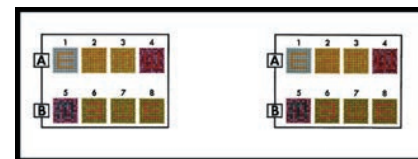
Slide #4 (2000-017) Far Point Acuity Right Eye & Left Eye Monocular Tumbling "E" (20/30)



Slide #5 (2000-004) Far Point Acuity Right Eye & Left Eye Monocular, Right Eye & Left Eye Plus Lens Test (20/200-20/20)



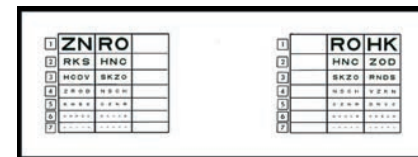
Slide #6 (2000-020) Far Point Muscle Balance (Combination Lateral & Vertical Phoria)



Slide #7 (2000-019) Far Point Color Perception (Tumbling "E")



Slide #8 (2000-022) Near Point Muscle Balance (Combination Lateral & Vertical Phoria)



Slide #9 (2000-003) Far Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/200-20/20)



Slide #10 (2000-012) Far Point Lateral Phoria (1 Diopter Increments)



Slide #11 (2000-025) Far Point Vertical Phoria (1/2 Diopter Increments)

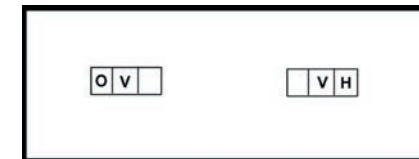


Slide #12 (2000-007) Near Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/100-20/20)

* For Optec® 5000 Series

Medical with HOTV Slide Package*

For the complete vision screening needs preschool through adult. Ideal for school athletic physicals, employment physicals, and general check-ups.



Slide #1 (2000-026) Far Point Acuity Binocular HOTV Test (20/70)



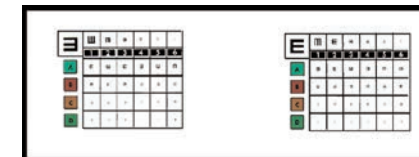
Slide #2 (2000-030) Far Point Acuity Right Eye & Left Eye Monocular HOTV Test (20/30)



Slide #3 (2000-031) Far Point Acuity Right Eye & Left Eye Monocular HOTV Test (20/30)



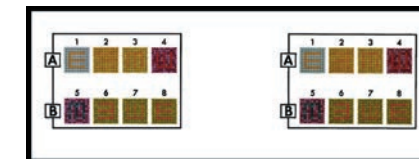
Slide #4 (2000-032) Far Point Acuity Right Eye & Left Eye Monocular HOTV Test (20/30)



Slide #5 (2000-004) Far Point Acuity Right Eye & Left Eye Monocular, Right Eye & Left Eye Plus Lens Test (20/200-20/20)



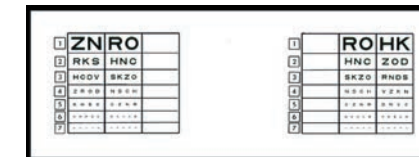
Slide #6 (2000-020) Far Point Muscle Balance (Combination Lateral & Vertical Phoria)



Slide #7 (2000-019) Far Point Color Perception (Tumbling "E")



Slide #8 (2000-022) Near Point Muscle Balance (Combination Lateral & Vertical Phoria)



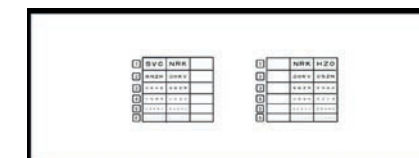
Slide #9 (2000-003) Far Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/200-20/20)



Slide #10 (2000-012) Far Point Lateral Phoria (1 Diopter Increments)



Slide #11 (2000-025) Far Point Vertical Phoria (1/2 Diopter Increments)



Slide #12 (2000-007) Near Point Acuity Right Eye & Left Eye Monocular or Both Eyes Simultaneously (20/100-20/20)

* For Optec® 5000 Series



SCREENING & TEST SLIDES



Patti Pic Slide Package*

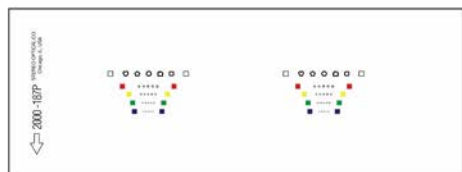
For the complete vision screening needs from preschool through adult. Ideal for School, Athletic Physicals, Employment Physicals, and General Check-Ups.



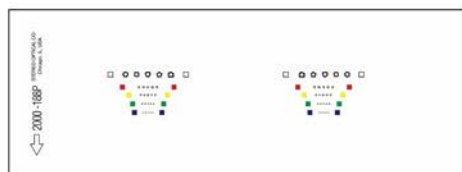
Slide #1 (2000-182P)
Far Acuity Binocular Patti Pic
(20/100, 20/40, 20/32, 20/25, 20/20)



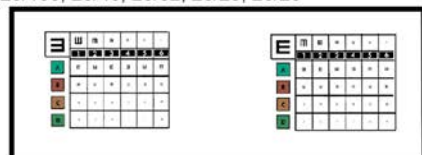
Slide #2 (2000-183P)
Far Acuity Monocular Patti Pic
(20/100, 20/40, 20/32, 20/25, 20/20)



Slide #3 (2000-187P)
Near Acuity Binocular Patti Pic
(20/100, 20/40, 20/32, 20/25, 20/20)



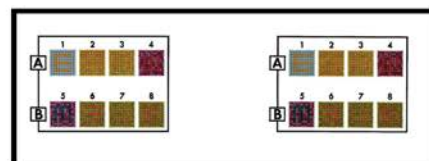
Slide #4 (2000-188P)
Near Acuity Monocular Patti Pic
(20/100, 20/40, 20/32, 20/25, 20/20)



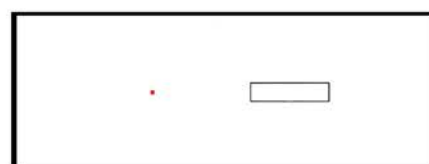
Slide #5 (2000-004) Far Point
Acuity Right Eye & Left Eye Monocular,
Right Eye & Left Eye Plus Lens Test (20/200-20/20)



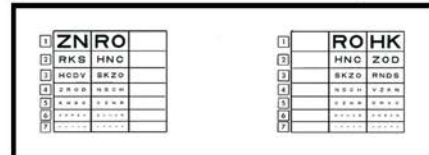
Slide #6 (2000-020) Far Point Muscle Balance
(Combination Lateral & Vertical Phoria)



Slide #7 (2000-019) Far Point
Color Perception (Tumbling "E")



Slide #8 (2000-022) Near Point
Muscle Balance
(Combination Lateral & Vertical Phoria)



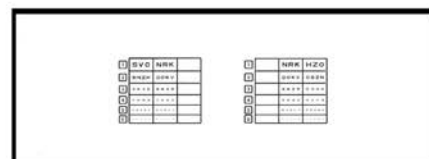
Slide #9 (2000-003) Far Point
Acuity Right Eye & Left Eye Monocular
or Both Eyes Simultaneously (20/200-20/20)



Slide #10 (2000-012) Far Point
Lateral Phoria (1 Diopter Increments)



Slide #11 (2000-025) Far Point Vertical
Phoria (1/2 Diopter Increments)



Slide #12 (2000-007) Near Point
Acuity Right Eye & Left Eye Monocular
or Both Eyes Simultaneously (20/100-20/20)

Optec® 1000P Test Slide Options

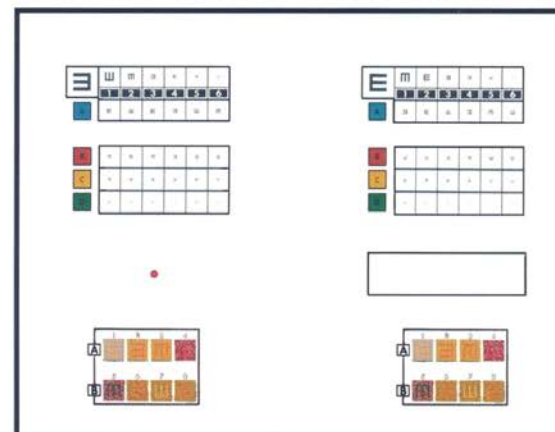
Multiple Acuity Slide (1000-23) Standard
Acuity slide for preschool children and adults



Test 1 & 2 Far Point
Acuity Allen Test
Binocular (20/100)
Monocular (20/50 to 20/30)

Test 3 & 4 Far Point
Acuity
Right Eye & Left Eye Monocular
or Both Eyes Simultaneously
(20/200 to 20/20)

Elementary Test Slide (1000-22) Standard
Vision screening slide for elementary school age children

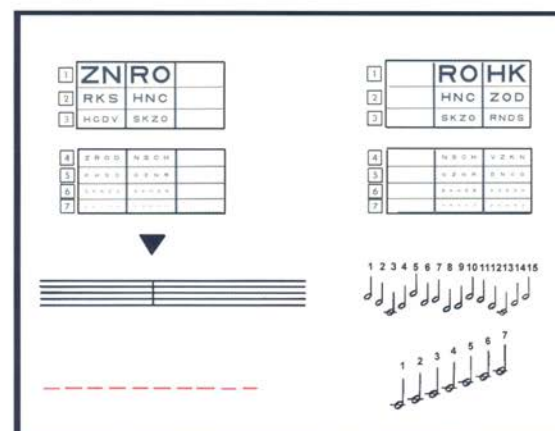


Test 1 & 2 Far Point
Acuity Right Eye & Left
Eye Monocular (20/200 to 20/20)
Also Right Eye & Left Eye Plus Lens Test

Test 3 Far Point
Muscle Balance
(Combination of Lateral and Vertical Phoria)

Test 4 Far Point
Color Perception Test, (Tumbling "E")

Secondary Test Slide (1000-21) Optional
Acuity and Phoria slide for children of secondary school age and adults



Test 1 & 2 Far Point
Acuity Right Eye & Left Eye
Monocular or Both Eyes Simultaneously
(20/200 to 20/20)

Test 3 Far Point
Lateral Phoria Test
(1 Diopter Increments)

Test 4 Far Point
Vertical Phoria Test
(1/2 Diopter Increments)



STEREOTESTS & COLOR TESTS



Stereotests

Stereo depth perception tests are an effective and easy to use method of screening stereoscopic vision for all ages. They help to detect visual problems such as stereopsis, amblyopia, suppression and strabismus.



THE ORIGINAL STEREO FLY

(Gold standard for stereo depth perception testing)

- Evaluate both gross stereopsis (355 to 700 seconds of arc) and fine depth perception
- Graded circle test (800 to 40 seconds of arc)
- Animal test for children (400 to 100 seconds of arc)

Test includes:

- 1 pair of Standard 3-D Viewers
- Answer key on back cover



STEREO BUTTERFLY

- Tests and evaluates random dot stereo depth perception for both gross stereopsis and fine depth perception
- Graded circle test (800 to 40 seconds of arc)
- Animal test for children (400 to 100 seconds of arc)

Test includes:

- 1 pair of Standard 3-D Viewers
- Answer key on back cover



RANDOT®

- Tests and evaluates stereo depth perception for both gross stereopsis evaluation (500 & 250 seconds of arc) using six geometric forms from random dot backgrounds
- Graded circle test (400 to 20 seconds of arc)

Test includes:

- 1 pair of Standard 3-D Viewers
- Answer key on back cover

Stereotests



DISTANCE RANDOT®

- Distance Stereopsis Test (10 ft) on patients as young as 4 years of age (400 to 60 sec of arc)
- Ideal for patients with intermittent exotropia

Test includes:

- 8 tests (4 pages) in 1 booklet
- Answer key on back cover
- 1 pair of standard 3-D viewers and 1 pair of pediatric 3-D viewers

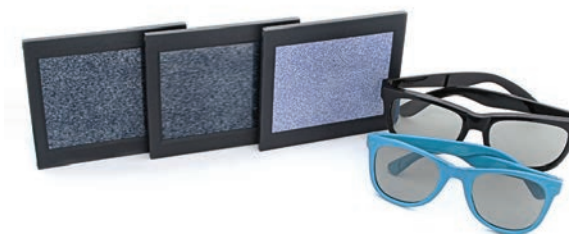


RANDOT® PRESCHOOL STEREOACUITY TEST

- Designed as a matching game in which the patient matches the pictures on the left side with those on the right.
- (800 to 40 seconds of arc)
- Test for stereopsis on patients as young as 2 years of age

Test includes:

- 6 tests in 1 booklet
- 1 pair of pediatric 3-D viewers
- Answers key on back cover



RANDOM DOT "E"

- The patient is asked to distinguish between a "raised E" and a non-stereo target
- Test for stereopsis on patients as young as 3 years of age

Test includes:

- One demonstration card, one test card and one blank card
- 1 pair of standard 3-D viewers and 1 pair of pediatric 3-D viewers



STEREOTESTS & COLOR TESTS



Stereotests with LEA Symbols



STEREO FLY INCLUDING LEA SYMBOLS

(Gold standard for stereo depth perception testing)

- Evaluate both gross stereopsis (355 to 700 seconds of arc) and fine depth perception
- Graded circle test (800 to 40 seconds of arc)
- LEA symbols for children (400 to 100 seconds of arc)

Test includes:

- 1 pair of Standard 3-D Viewers
- Answer key on back cover



STEREO BUTTERFLY INCLUDING LEA SYMBOLS

- Tests and evaluates random dot stereo depth perception for both gross stereopsis and fine depth perception
- Graded circle test (800 to 40 seconds of arc)
- LEA symbols for children (400 to 100 seconds of arc)

Test includes:

- 1 pair of Standard 3-D Viewers
- Answer key on back cover



STEREO RANDOT® INCLUDING LEA SYMBOLS

- Tests and evaluates stereo depth perception for gross stereopsis evaluation (500 & 250 seconds of arc) using four LEA symbols from random dot backgrounds
- Graded circle test (400 to 20 seconds of arc)

Test includes:

- 1 pair of Standard 3-D Viewers
- Answer key on back cover

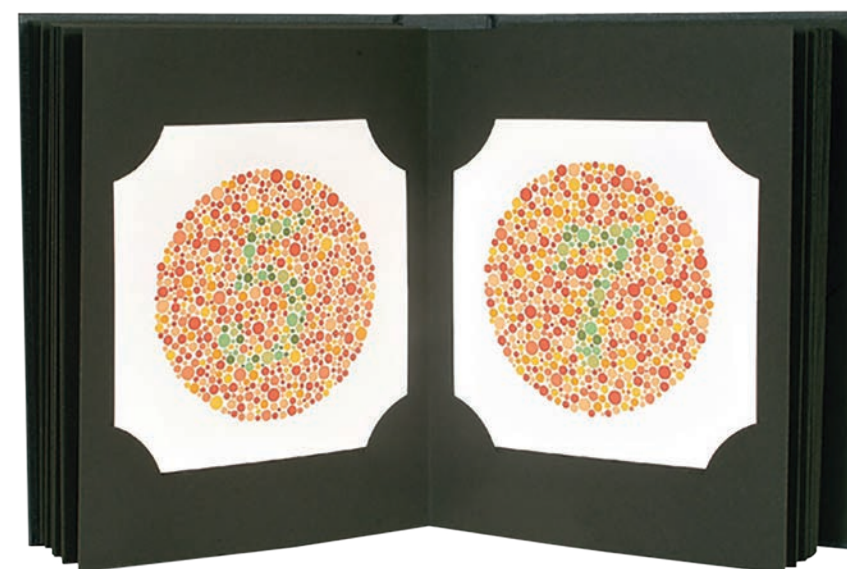
Original Ishihara Color Test

The Original Ishihara Color Test is an example of a color perception test for red-green color deficiencies. The test consists of colored plates, called Ishihara plates, each of which contains a circle of dots appearing randomized in color and size. Within the pattern are dots which form a number or shape clearly visible to those with normal color vision, and invisible, or difficult to see, to those with a red-green color vision defect, or the other way around. The plates make up several different test designs.

- For congenital red-green color blindness
- Multiple colored plates making up several test designs
- Each plate is printed with a circle made of many different sized dots, slightly different colors, spread in random
- Color plates encased in a specially designed album type book for ease of handling
- Certified original and manufactured in Japan

AVAILABLE OPTIONS:

- 14-plate color test
- 24-plate color test
- 38-plate color test



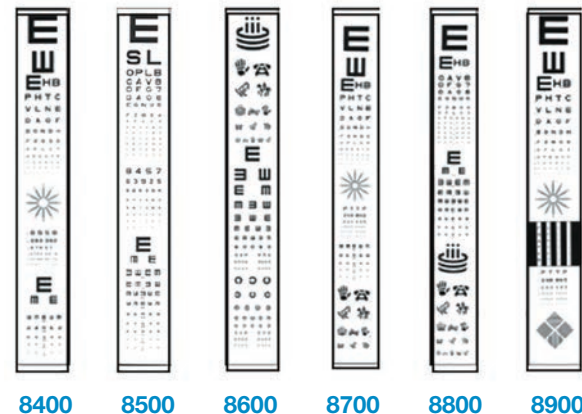


SCREENING CARDS & VECTOGRAMS



Projector and Vectographic Slides

Stereo Optical vectographic projector slides are designed so that the projector can administer both basic acuity projector slide exams and vectographic exams without changing slides. All slides are printed on a select piece of high-quality clear photographic film using two sheets of optically-clear glass to guarantee consistently high quality optotypes and ensure the integrity of each test.



PROJECTOR SLIDES:

8400 – Acuity Astigmatism: Letter acuity, astigmatic clock, number acuity, tumbling “E” tests

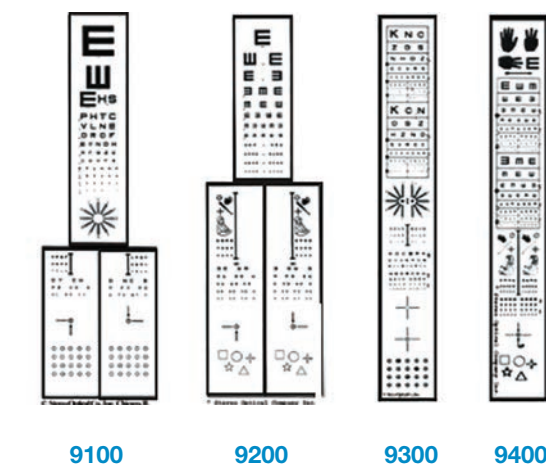
8500 – Adult: Letter acuity, number acuity, tumbling “E” tests

8600 – Child Acuity: Allen, tumbling “E”, Landolt “C” tests

8700 – Family Practice: Letter acuity, astigmatic clock, tumbling “E”, Allen tests

8800 – Multi-Acuity: Letter acuity, tumbling “E”, Allen tests

8900 – Acuity Vergence: Letter acuity, astigmatic clock, vergence tests



VECTOGRAPHIC SLIDES:

9100 – *Adult: Letter acuity, astigmatic clock, binocular balance, suppression, fixation disparity, stereopsis

9200 – *Pediatric: Tumbling “E” acuity, binocular balance, suppression, fixation disparity, stereopsis

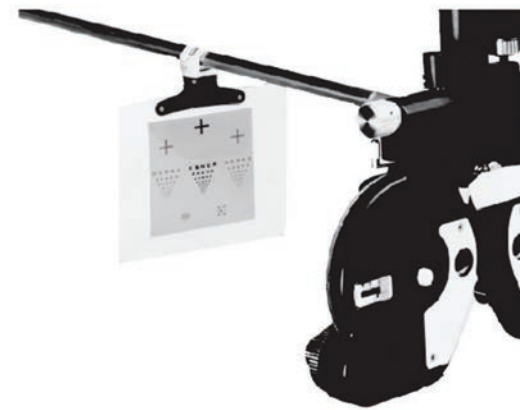
9300 – Adult: Letter monocular acuity, binocular astigmatism, acuity balance, suppression, binocular acuity, fixation disparity, muscle balance, stereopsis

9400 – Pediatric: Binocular balance, tumbling “E” monocular acuity, binocular acuity, fixation disparity, stereopsis

*The top half of the slide is for standard projection while the bottom half is for vectographic projection.

Borish Vectographic Nearpoint Card™

Designed to meet all nearpoint testing needs – Stereo Depth Perception, Visual Acuity and Depth Accommodation. Near vision is often negatively affected by hyperopia, also known as farsightedness and presbyopia. The Borish Nearpoint Card is a convenient, powerful tool that can be used to quantify many parameters of a test subject’s near vision in a comfortable clinical setting.



The Borish Vectographic Nearpoint Card is designed for use with a refractor, which is not included with the card.

BENEFITS:

- Multiple tests to be performed quickly and efficiently
- Easy to diagnose a variety of refractive errors (such as myopia, hyperopia, and astigmatism) and numerous diseases and disorders of the eye
- Highly valuable for diagnosing many other vision problems affecting all aspects of stereo vision, including depth perception, visual acuity, and depth accommodation

TESTS INCLUDE:

- Binocular cross cylinder
- Monocular cross cylinder
- Refractive errors and irregularities
- General close-range visual acuity
- Range of accommodation
- Random dot and real contour stereopsis
- Horizontal and vertical phoria
- Horizontal associated phoria
- Vertical associated phoria
- Fixation disparity



SCREENING CARDS & VECTOGRAMS

Vectograms®

Polarized vectograms ensure testing and training at actual distances. Vectograms stabilize fusion and stereopsis, eliminate and control suppression and fixation disparity. Available in fixed or variable styles to accommodate unlimited base-in and base-out training.

Used in monocular, binocular, pursuit and saccadic training, vectograms help correct and prevent anomalies involving projection and hand-eye coordination.



Chicago Skyline



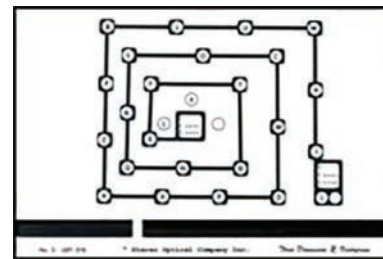
Quoits



Mother Goose



Clown



Springle



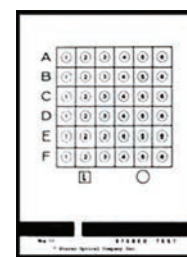
Compass Points



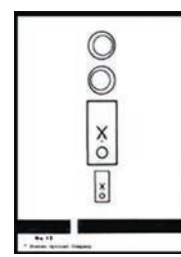
Figure Eight



Acuity Suppression



Stereo Test (SOV11)



Basic Fusion

ACCESSORIES & SUPPLIES

CARRYING CASES



32272 Wheeled Carrying Case for Optec® 5000 Series



2000250 Soft Carrying Case for OPTEC 5000 Series



2000246 Carrying Case for Optec 1000P

LENSES

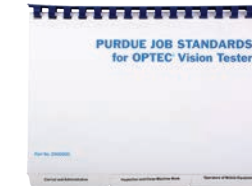


- 1000NPS Nearpoint Lens for Optec 1000P
- 2000230 Plus Lens (+1.75D)
- 2000231 Plus Lens (+2.25D)
- 2000232 Intermediate Lenses for VDT Operator Testing (Set of 5)
- 2000233 Intermediate Lens (39.5 in / 100.33 cm)
- 2000234 Intermediate Lens (31.5 in / 80 cm), for FAA Testing
- 2000235 Intermediate Lens (26.0 in / 66 cm)
- 2000236 Intermediate Lens (22.5 in / 57.15 cm)
- 2000237 Intermediate Lens (20.0 in / 50.8 cm)

MISCELLANEOUS



90469 Power Supply & Power Cord Kit for Optec 5000 Series (110 V)



2000220 Purdue Job Standards Book (with Recording Forms - 5 pads)



32171 Dust Cover for Optec 5000 Series Vision Screeners and FVA

STEREOTEST VIEWERS



SO010 Standard 3-D Polarized Viewers (5/pkg)



SO009 Pediatric Polarized Viewer (1/pkg)



SO013 Infant Polarized Viewer (1/pkg)

SUPPLIES



2000207 Headrest Tissues for Optec 5000, 2000 & 1000 Series (5000/pkg)



2000226 Bulbs (6/pkg) Color Corrected for Optec 1000P, 2000 & 2000P (120V)





DESIGNED FOR BROAD USAGE ADOPTED WORLDWIDE

- Optometry
- Ophthalmology
- Primary Care
- Urgent Care
- Public Health
- Occupational Health
- D.O.T.
- Driver Rehabilitation
- Occupational Therapy
- Worksite/Employment
- Schools
- Pediatrics
- Sports/Athletics
- F.A.A.



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**STEREO
OPTICAL**

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