



STEREO OPTICAL



Vision Screening Products Catalog



800.344.9500 | stereooptical.com
New online store: stereooptical.com/store

THE NEW GENERATION ALL-IN-ONE SMART VISION SCREENER



Easily control your test by choosing your conditions on a single screen.

Optec^{PLUS}

SPEED UP YOUR PRE-TESTING PROCESS

OPTEC PLUS from Stereo Optical, a division of Essilor Instruments, offers you a comprehensive library of tests for evaluating visual acuity under conditions such as far, intermediate and near distance, night, as well as color vision, depth perception, contrast and peripheral vision.

This portable digital device lets you:

- Customize the testing process by creating your own protocols
- Record results in a PDF file that can be printed, extracted, and exported
- See more patients by optimizing valuable time in the exam lane
- Use the pre-programmed automatic mode for quick self-testing
- Offer pre-screening in the waiting area to promote your practice to patients and families



STEREO OPTICAL

LEARN MORE TODAY!



773.867.0380



StereoOptical.com



sales@stereooptical.com



For over 65 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.

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VISION SCREENER

OPTEC® PLUS

SMART VISION SCREENER

Your practice deserves a new generation of vision screening devices

Stereo Optical OPTEC PLUS all in-one digital vision screener enables quick, thorough and repeatable results in the pre-test room, saving valuable time in the exam lane.

New features include a user friendly interface, an expanded library of tests with limitless customization including auto-mode, randomization and protocols.

- Testing distances: Near, Far and intermediate
- Monocular and Binocular
- Lighting conditions: day / night (optional)
- Constant and homogenous luminance levels with controlled lighting in accordance with the international standard
- No training or certification
- Lightweight and portable
- PC or Tablet
- Two models: C86002 and C86004. C86004 includes C86002 plus the glare recovery test and testing under the glare condition.



The OPTEC PLUS test library is designed to fit all your needs

PRELIMINARY TESTS :

Loss of accommodation, Visual acuity: letters / numbers / Landolts / Snellen / E-Tumbling / ETDRS

REFRACTIVE TESTS :

Ametropia Red/Green, Astigmatism, Latent Hyperopia, Fusion, Lateral and Vertical phorias, Depth Perception

NON REFRACTIVE TESTS :

Color tests / Contrast sensitivity tests

ADDITIONAL TESTS :

HOTV tests, Road sign recognition, Allen tests

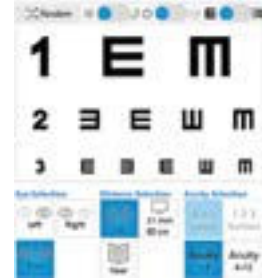
HORIZONTAL PERIPHERAL VISION TEST :

Stimuli at 55°, 60°, 70°, 80°, 85°, 90° and 100° temporal, 45° nasal



EASY TO USE AND INTUITIVE INTERFACE

- Control your test on a single screen
- Select your test conditions in 1 click:
 - Night & Day
 - Monocular L&R, Binocular
 - Far, Intermediate, Near distance selection
 - Random
- Change your selection at any time



CUSTOMIZATION: CREATING YOUR OWN PROTOCOL IS SIMPLE

- Design and record your own protocol that fits your patient needs:
 - Optometry screening
 - Occupational Medicine
 - Driver Rehabilitation
 - Sports/Athletics
 - F.A.A
 - Public Health, Primary Care
 - Schools, Pediatrics
- Modify your preset protocols during screening
- All tests can be randomized



AUTOMATIC MODE*: INCREASE THE EFFICIENCY OF YOUR PATIENT FLOW AND SAVE TIME IN THE EXAM LANE

- With this unique feature, tests can be:
 - Self-administered by the patient or
 - Delegated to your staff
- Text to speech technology guides patient through the test, freeing you from repetitive tasks
- Preset auto-mode protocols
- The OPTEC PLUS records the patient results for you



CONNECTIVITY : GET ALL THE ADVANTAGES OF A SMART DEVICE

- Digital records in PDF file that can be printed, extracted and exported
- EMR compatibility to ease your data transfer
- Operated and monitored on:
 - PC - Laptop
 - Tablet
- Wireless connectivity: Bluetooth and Wi-Fi



* Patent pending



VISION SCREENERS

Optec® 5000/5000P Series

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

Perform comprehensive visual screening in minimal time. Screen under a variety of conditions, including monocular, binocular, near, distance, and intermediate, adult and pediatric visual acuity testing, color and depth perception, as well as vertical and lateral phorias.

- Quick, repeatable and accurate
- Lightweight and portable
- Distance/Near Lens Systems
- See and point observation doors on both sides
- No training or certification
- The 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® 5500/5500P Series

Preform comprehensive visual screening in minimal time

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

- Quick, repeatable and accurate
- Remote control and use of color-corrected LED's
- Lightweight and portable
- See and point observation doors on both sides
- No training or certification
- The Optec 5500P 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 slide library from more than 150 test slides



FRONT VIEW



BACK VIEW



VISION SCREENERS

Optec® 1000P Series

A quick and easy way to screen for essentials

- 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
 - Contrast sensitivity (optional)
- 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



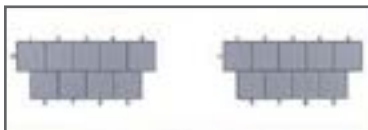
Optec® 5000PG Rehab

Ideal for occupational therapy and driver rehabilitation programs

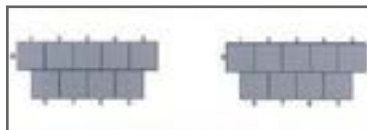
- Contrast sensitivity testing, glare testing, and day and night testing
- New unsurpassed homogenous illumination
- L.E.D. lighting system
- Distance/near lens system
- See and point access doors on both sides
- Calibrated day & night testing with and without glare
- Includes F.A.C.T. contrast sensitivity — the industry standard



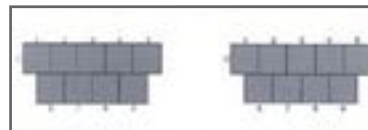
OPTEC REHAB SLIDE PACKAGE



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



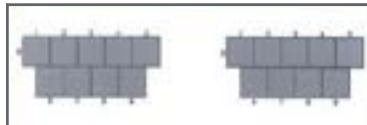
Slide #2 (3000-172) Far Point Functional Acuity Contrast Test 3 Cycles Per Degree Monocular



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, 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

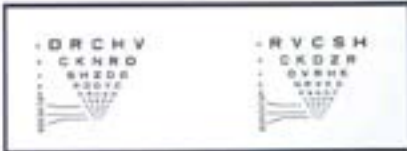
EyeView®

Functional Vision Analysis Software

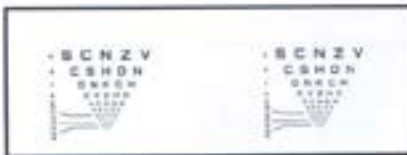
- Easy to score and interpret patients' results with the EyeView software
- Demonstrate patients' functional vision results with pictures



F.A.C.T. Contrast Sensitivity: (Optional) test 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



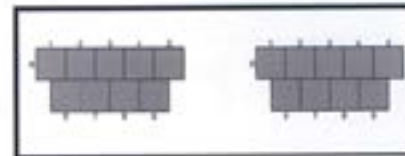
Slide #6 (3000-172) Far Point
Functional Acuity Contrast Test
3 Cycles Per Degree Monocular



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)



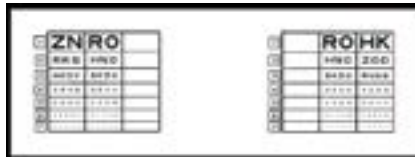
** Enlarged to show pattern



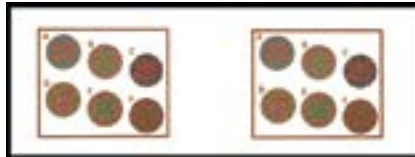
SCREENING & TEST SLIDES

Ophthalmic Prescreening Slide Package*

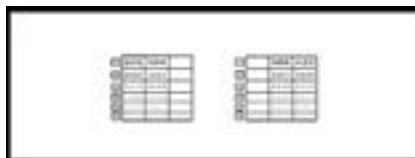
For the complete vision screening needs preschool through adult. Ideal for school athletic physicals, employment physicals, F.A.A. and general check-ups.



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)



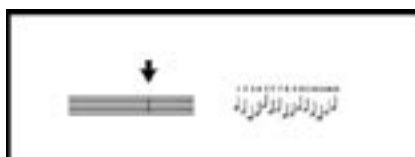
Slide #3 (2000-007) Near Point
Acuity Right Eye & Left Eye Monocular
or Both Eyes Simultaneously (20/100-20/20)



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



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



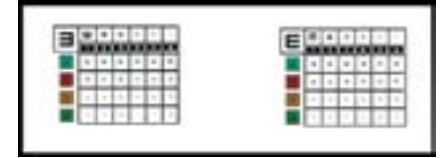
Slide #6 (2000-013) Near Point
Lateral Phoria (1 Diopter Increments)



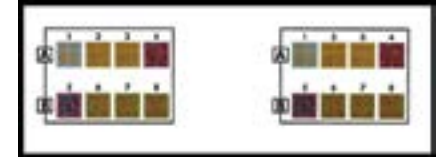
Slide #7 (2000-024) Far Point
Stereo Depth Perception
(400-20 Seconds of Arc)



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)



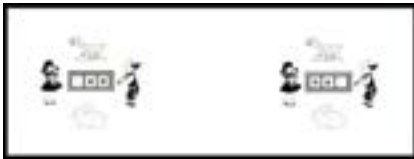
Slide #12 (2000-046) Far Point
Acuity Allen Test
Binocular (20/100) Monocular (20/50-20/30)

* For Optec® 5000 Series



Medical with Michigan Preschool Slide Package*

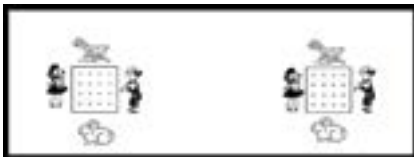
For the complete vision screening needs preschool through adult. Ideal for school, athletic physicals, employment physicals, and general check-ups.



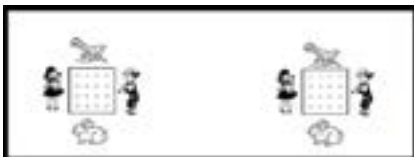
Slide #1 (2000-014) Far Point
Acuity Binocular Tumbling "E" (20/70)



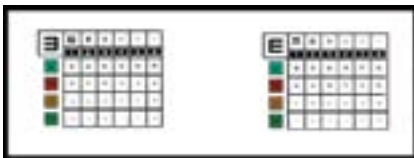
Slide #2 (2000-015) Far Point
Acuity Right Eye & Left Eye Monocular
Tumbling "E" (20/30)



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



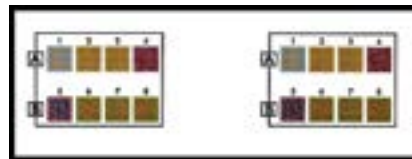
Slide #4 (2000-017) Far Point
Acuity Right Eye & Left Eye Monocular
Tumbling "E" (20/30)



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)



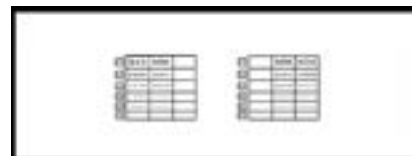
Slide #9 (2000-003) Far Point
Acuity Right Eye & Left Eye Monocular
or Both Eyes Simultaneously (20/200-20/20)



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



SCREENING & TEST SLIDES

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)



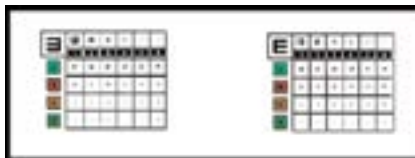
Slide #2 (2000-030) Far Point
Acuity Right Eye & Left Eye Monocular
HOTV Test (20/30)



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



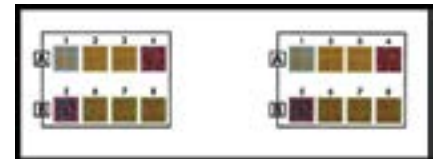
Slide #4 (2000-032) Far Point
Acuity Right Eye & Left Eye Monocular
HOTV Test (20/30)



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



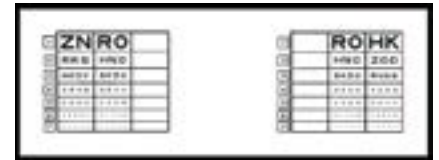
Slide #6 (2000-020) Far Point
Muscle Balance
(Combination Lateral & Vertical Phoria)



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



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



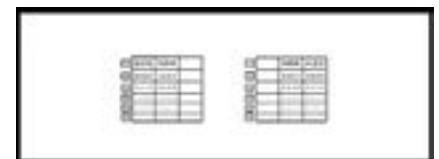
Slide #9 (2000-003) Far Point
Acuity Right Eye & Left Eye Monocular
or Both Eyes Simultaneously (20/200-20/20)



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



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



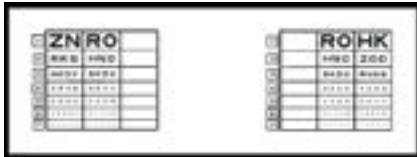
Slide #12 (2000-007) Near Point
Acuity Right Eye & Left Eye Monocular
or Both Eyes Simultaneously (20/100-20/20)

*For Optec® 5000 Series

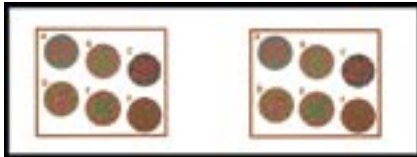


Driver Rehabilitation Slide Package*

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)



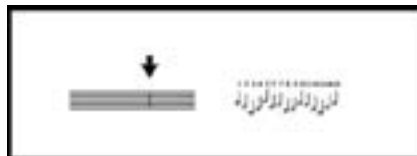
Slide #3 (2000-007) Near Point
Acuity Right Eye & Left Eye Monocular
or Both Eyes Simultaneously (20/100-20/20)



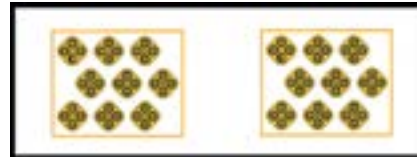
Slide #4 (2000-012) Far Point
Lateral Phoria (1 Dipoter Increments)



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



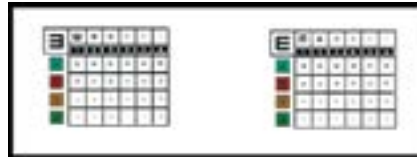
Slide #6 (2000-013) Near Point
Lateral Phoria (1-1/2 Diopter Increments)



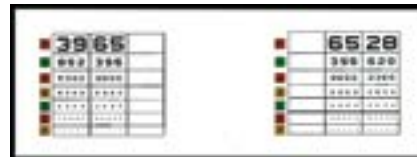
Slide #7 (2000-024) Far Point
Stereo Depth Perception
(400-20 Seconds of Arc)



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



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)



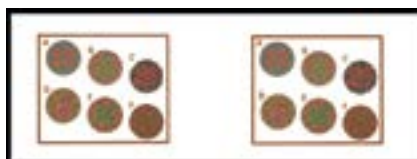
Slide #3 (2000-008) Far Point
Acuity Right Eye Monocular
(20/200-20/13)



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)



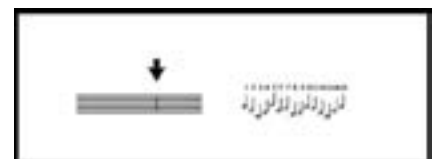
Slide #9 (2000-002) Near Point
Acuity Both Eyes Binocular
(20/200-20/13)



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



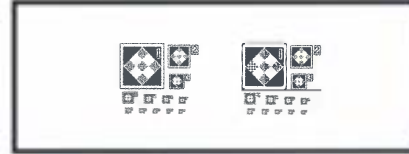
Slide #2 (2000-256) Far Point
Acuity Right Eye Monocular
(20/200-20/17)



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



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



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



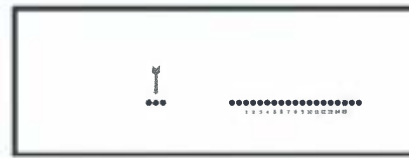
Slide #4 (2000-258) Far Point
Stereo Depth Perception
(362-9.7 Seconds of Arc)



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



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



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



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



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

* For Optec® 5000 Series



SCREENING & TEST SLIDES

Optec® 1000P Test Slide Options

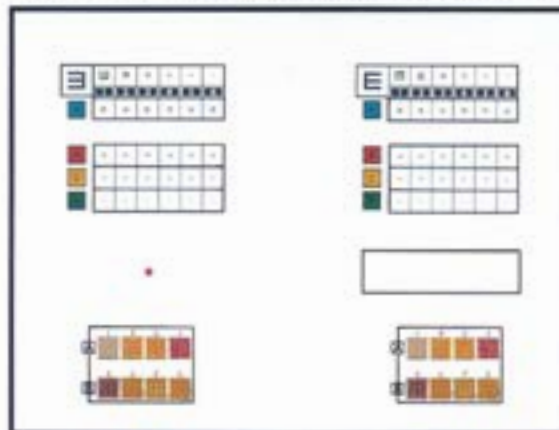
Multiple Acuity Slide (1000-23) Standard
Acuity slide for preschool children and adults



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 & COLOR TESTS

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 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





STEREOTESTS & COLOR TESTS

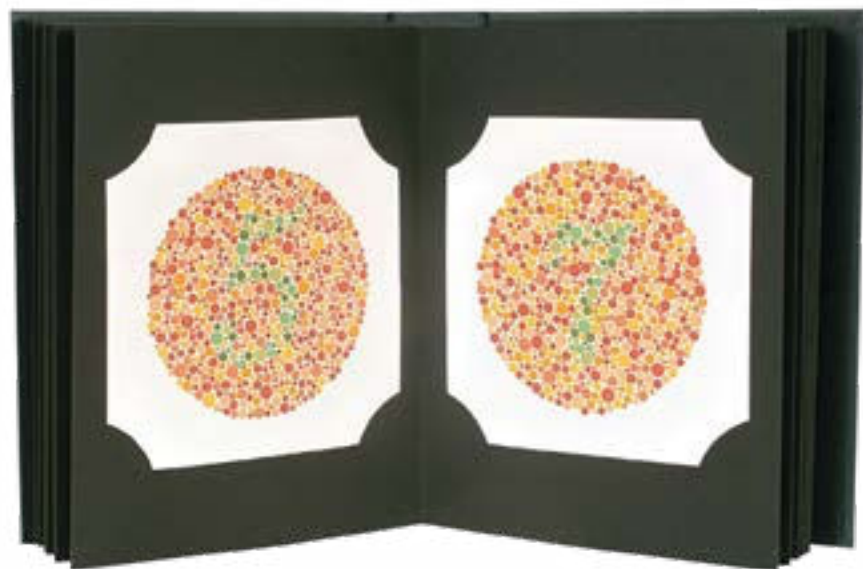
Original Ishihara Color Test

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

AVAILABLE OPTIONS:

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



SCREENING CARDS & VECTOGRAMS



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:

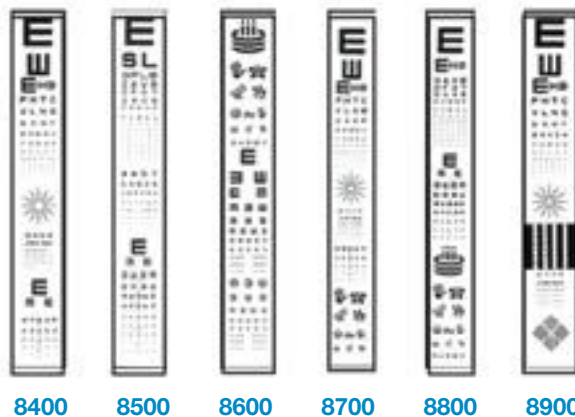
- Binocular cross cylinder
- Monocular cross cylinder
- Refractive errors and irregularities
- General close-range visual acuity
- Range of accommodation
- Random dot and real contour stereopsis
- Horizontal and vertical phoria
- Horizontal associated phoria
- Vertical associated phoria
- Fixation disparity



SCREENING CARDS & VECTOGRAMS

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

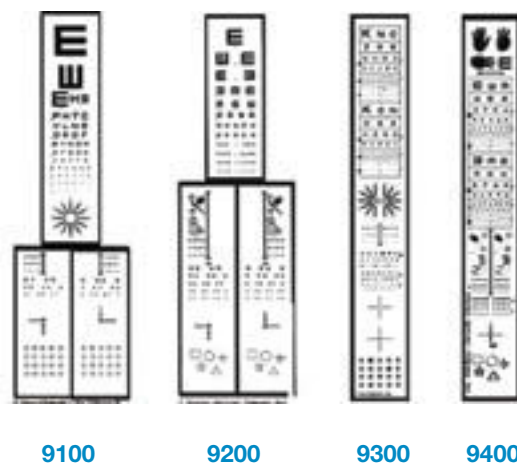
8500 – Adult: Letter acuity, number acuity, tumbling “E” tests

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.

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.

They are 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



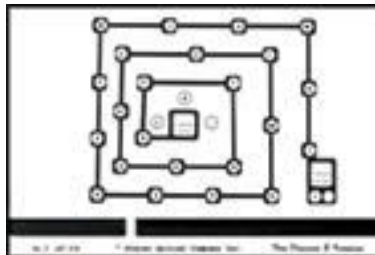
Quoits



Mother Goose



Clown



Springle



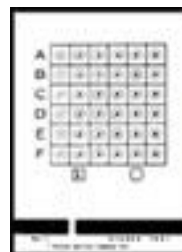
Compass Points



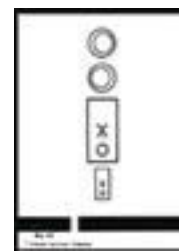
Figure Eight



Acuity Suppression



Stereo Test
(SOV11)



Basic Fusion



ACCESSORIES & SUPPLIES

CARRYING CASES



32272 Wheeled Carrying Case
for OPTEC PLUS & Optec 5000 Series



2000250 Soft Carrying Case
for OPTEC PLUS & 5000



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)



FACT006 Haze Glasses
for F.A.C.T. Charts (10/pkg)

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)



2500226 Bulbs (6/pkg) for
Optec 2500P, 3000 & 3500 (24V)



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