

Stereoacuity Screening and Testing



Stereo Fly Acuity Test

Tests designed to rapidly test for amblyopia and strabismus using gross thru fine stereopsis (4800 to 20 sec of arc). Graded circle test from 400 sec now down to 20 sec with no monocular clues. New improved booklet has answer key on back cover and includes both adult and child polarized viewers.

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Stereo Butterfly Acuity Test

Tests designed to rapidly test for amblyopia and strabismus using gross thru fine stereopsis (2500 to 20 sec of arc). Graded circle test from 400 sec now down to 20 sec with no monocular clues. New improved booklet has answer key on back cover and includes both adult and child polarized viewers.

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Random Dot E Stereoacuity Test

Designed to rapidly test for amblyopia and strabismus in early and non-readers and non-verbal children and adults. Choice of dot size acuity (standard and low vision). Includes adult and new child-friendly pediatric viewers with improved test frames.

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Random Dot 2 Stereoacuity Test

Designed to rapidly test for amblyopia and strabismus in early and non-readers and non-verbal children and adults. Expanded random dot test (500, 250, 125 sec of arc). Graded circle test now down to 12.5 sec with no monocular clues. New improved booklet has answer key on back cover and includes both adult and child polarized viewers.

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Random Dot 3 Stereoacuity Test

Designed to rapidly test for amblyopia and strabismus in early and non-readers and non-verbal children and adults. Expanded Random Dot 3 tests gross disparity at 900, 650, 500 and 400 seconds of arc. Test children at 400, 200, 100 seconds of arc. Graded circle test now down to 12.5 seconds with no monocular clues. New improved booklet has answer key on back cover and includes polarized viewers.

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Stereo Vision Viewers

Polarized stereoacuity test viewers.

A Adult 103050

B Intermediate. 103175

C Children. 103150



PASS Test™ 1

Preschool Assessment of Stereopsis with a Smile (PASS) - Stereoacuity test for basic screening of stereopsis in children and non-readers. Includes: 3 Cards (720, Demo, and Blank), 1 Pair Pediatric Polarized Viewers, and 1 Pair Intermediate Polarized Viewers.

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PASS Test™ 2

Preschool Assessment of Stereopsis with a Smile (PASS) - Stereoacuity test for school assessment of stereopsis in children and non-readers. Includes: 4 Cards (480, 240, Demo, and Blank) with Carrying Case, 1 Pair Pediatric Polarized Viewers, and 1 Pair Intermediate Polarized Viewers.

This test is also part of the VIP Kit developed by the Vision in Preschoolers Study Group for screening the vision of preschoolers.

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PASS Test™ 3

Preschool Assessment of Stereopsis with a Smile (PASS) - Stereoacuity test for quantitative assessment of stereopsis in children and non-readers. Includes: 6 Cards (480, 240, 120, 60, Demo, and Blank) with Carrying Case, 1 Pair Pediatric Polarized Viewers, and 1 Pair Intermediate Polarized Viewers.

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Polarized Variable Vectographs

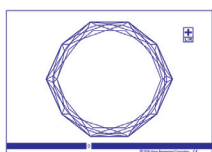


Vectograph Kit

Polarized Variable Vectographs

Polarized Variable Vectograph Vision Therapy System for Vision Training. Improve your patients' vision therapy outcomes using the new home reinforcement Vision Therapy System.

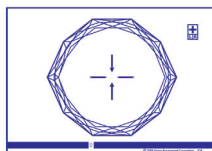
All Vectographs include therapy binder, doctor and patient instruction manuals, patient vision therapy recording form, and standard polarized viewers.



Gem Polarized Variable Vectograph

Stereopsis depth of 700 seconds of arc, 16-diopter range for base-in (divergence) training and 24-diopter range for base-out (convergence) training for a total accommodation range of 40 diopters.

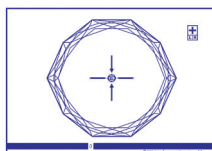
..... 106055



NFL Gem PL-NFL™ Polarized Variable Vectograph

Stereopsis depth of 700 seconds of arc and Fixation Disparity target without central Fusion Lock. 16-diopter range for Base-In (Divergence) Training and 24-diopter range for Base-Out (Convergence) Training with total accommodation range of 40-diopters.

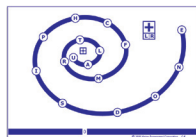
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Gem PL Polarized Variable Vectograph

Stereopsis depth of 700 seconds of arc including fixation disparity target with central fusion lock. 16-diopter range for base-in (divergence) training and 24-diopter range for base-out (convergence) training for a total accommodation range of 40 diopters.

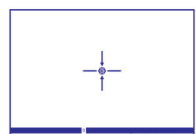
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Vortex Polarized Variable Vectograph

Stereopsis depth on Vortex image of 6100 seconds of arc. Letters' orient to the Vortex image above, below, and even with the image at +/-600 seconds of arc. 16-diopter range for base-in (divergence) training and 24-diopter range for base-out (convergence) training for a total accommodation range of 40 diopters.

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VFD Variable Fixation Disparity™ Polarized Variable Vectograph

Two-dimensional Fixation Disparity target without central Fusion Lock and without peripheral Gem image. 16-diopter range for Base-In (Divergence) Training and 24-diopter range for Base-Out (Convergence) Training with total accommodation range of 40-diopters.

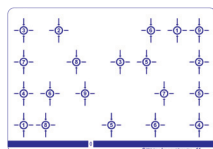
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Chain Polarized Variable Vectograph Vision Therapy System

Three-dimensional Chain image to provide an introduction to binocular experiences. 16-diopter range for Base-In (Divergence) Training and 24-diopter range for Base-Out (Convergence) Training with total accommodation range of 40-diopters.

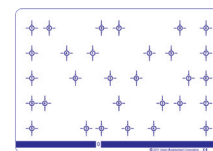
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Large Saccadic Polarized Variable Vectograph

Treatment Vectograph contains four rows of saccadic Fixation Disparity Cross stimuli presented at a 20/100 acuity level, reflective of the visual demands of larger print books. Two-dimensional Fixation Disparity Target stimuli with Number Central Fusion Lock help relate binocular alignment to accommodation (clarity of the target). Total accommodation range is 40 diopters.

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Small Saccadic Polarized Variable Vectograph

Treatment Vectograph comes with five rows of saccadic Fixation Disparity Cross stimuli presented at a 20/63 acuity level to monitor visual, binocular and accommodative functions more reflective of reading demands at higher grade levels (smaller print books). Two-dimensional Fixation Disparity Target stimuli with Number Central Fusion Lock help relate binocular alignment to accommodation (clarity of the target) with a total of accommodation range of 40 diopters.

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Teddy Bear Polarized Variable Vectograph Vision Therapy System

Range of 6100 seconds of arc stereopsis depth. Teddy Bear and Blocks orient to the Vectograph above, below, and even with the image at +30 to +1500 seconds of arc and -25 to -1100 seconds of arc. 16-diopter range for base-in (divergence) training and 24-diopter range for base-out (convergence) training for a total accommodation range of 40 diopters.

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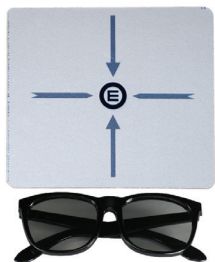
Frog Polarized Variable Vectograph Vision Therapy System

Vectograph has stereopsis depth of 5300 seconds of arc. Frog image has stereopsis depth of 2500 seconds of arc. 16-diopter range for base-in (divergence) training and 24-diopter range for base-out (convergence) training for a total accommodation range of 40 diopters.

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Please visit our website for many more new Vectographs!

Disparity Polarized Targets



Far Polarized Fixation Disparity Target

Vectographic 2-dimensional Fixation Disparity Target for assessing Far Point of Fixation Disparity and Associated Vergence Measures at Distance. Can be administered in free space or behind a refractor and be presented at a variety of working distances. Includes Doctor Manual and Standard Polarized Viewers.

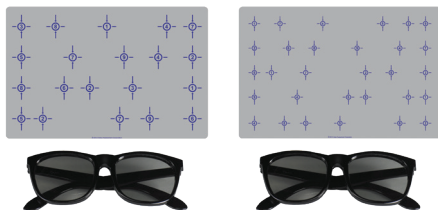
..... 106575



Near Polarized Fixation Disparity Target

Vectographic 2-dimensional Fixation Disparity Target for assessing Near Point of Fixation Disparity and Associated Vergence Measures at Near. Can be administered in free space or behind a refractor and be presented at a variety of working distances. Includes Doctor Manual and Standard Polarized Viewers.

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Randomized Fixation Disparity Polarized Target

Assessment tool for measuring binocular/accommodative function during a saccadic eye movement task using a sequence of saccadic identification targets. Vectographic silvered card with four rows of saccadic Fixation Disparity Cross stimuli presented with a 20/100 target size, reflective of the visual demands of larger print books. Two-dimensional Fixation Disparity Cross stimuli with Number Central Fusion Lock help relate binocular alignment to accommodation (clarity of the target)

Large Targets 107103

Small Targets 107104



Fixation Disparity Polarized Target

Fixation Disparity Polarized Target Vectographic 2-dimensional card with 2 Fixation Disparity Crosses positioned vertical to one another to facilitate the comparison of binocular performance when using a lower versus higher spatial frequency or acuity demand. Top Fixation Disparity Cross at 20/95 acuity level mimics reading demands of larger print books.

The Small Target bottom Fixation Disparity Cross at 20/63 acuity level mimics reading demands at higher grade levels (smaller print books) while the Large Target bottom cross is at 20/100 acuity level.

Fixation Disparity Polarized Target Vectograph includes manual and standard polarized viewer.

Large Targets 107102

Small Targets 107105

Kits



PL Binocular Vision Dysfunction Diagnostic and Treatment System™

Quickly and accurately diagnoses large to small fixation disparities with this all inclusive kit, which contains the following items:

106575 - Far Fixation Disparity Target™

106550 - Near Fixation Disparity Target™

106055 - Gem™ Polarized Variable Vectograph

106050 - Gem PL™ Polarized Variable Vectograph

106595 - GemPL NFL™ Polarized Variable Vectograph

Therapy Binder with Pen, Instruction Manual, and Standard Polarized Viewers.

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Binocular Accommodative Saccadic Series

BASS-PL (Binocular Accommodative Saccadic Series) Vision Therapy System for improving patient visual performance and reading efficiency, consisting of diagnostic Fixation Disparity Targets and treatment Vectographs with saccadic identification targets at two acuity levels.

- Fixation Disparity Polarized Targets (2 cross targets) (Large and Small)
- Randomized Fixation Disparity Polarized Targets (Large and Small)
- Saccadic Polarized Variable Vectographs (Large and Small)

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Vectograph Viewers

Greatly simplifies vision therapy by holding vectographs at the proper angle and allows sliding the vectographic panels to the "breaking point" and back to the "recovery point". These vectograph viewers support the full extension of the panels to their maximum base-in and base-out capabilities. A white background behind the vectograph supports base-out vergence work (convergence). The white background can be removed to reveal the clear background. This permits use of the vectographs for fusional divergence work, which requires that the patient view beyond the plane of the vectograph.

Available as either a single or double Vectograph Viewing stand. Vectographs not included.

- A** Single. **585600**
B Double. **587800**



Dual Illuminated Vectograph Viewer

Good-Lite's new and improved illuminated dual vectograph viewer holds two sets of vectographs! This new universal model allows you to use both Stereo Optical and Vision Assessment Corporation Vectographs. Use this unit with other therapies such as tranaglyphs, our MFBF Matching Game (705200) and our Vertical Fusion Target Set (713300).

The Illuminated Vectograph Viewer measures 14"W x 14.5H" x 4D" (35.5 cm x 36 cm x 10 cm). Slot height 5.5"(14 cm). Uses LED illumination with universal power supply (50-60 Hz, 110/240 AC). Vectographs not included.

. **621707**



Lichtenstein Fixation Box

The Lichtenstein Fixation Box gives you the added ability to test fusion, as well as to maintain fixation for your younger patients. The box contains a Worth 4-Dot examination, a white fixation light for adults and older children, and a fixation light that changes colors for strabismus measurements or refraction. LEDs provide increased bulb life. Universal power supply. 7.25" H x 6" W x 1.5" D (18.4 cm H x 15.3 cm W x 3.8 cm D). CE and CSA Listed.

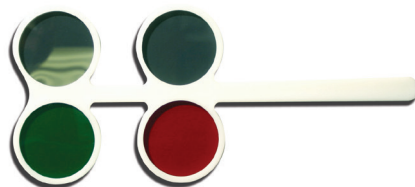
. **995000**



Worth 4-Dot Test Attachment

The Worth 4-Dot Attachment fits on your Welch Allyn or Keeler transilluminator and supports Worth 4-Dot testing using red/green goggles. Compared to conventional flashlight versions, the Worth 4-Dot Test Attachment does not require cumbersome flashlight units or D batteries. Use with red/green anaglyph adult glasses 955100 or one of our Children's Fun Frame anaglyph glasses found on page 56.

Standard Worth 4-Dot **475900**
 LEA SYMBOLS® Worth 4-Dot **499600**



Combination Polarized and Anaglyph Flipper

Combination polarized and red/green stereo lenses into one flipper. Use the red/green for the Worth 4-Dot or other anaglyph test; then, flip to polarized lenses for stereoacuity test.

. **488400**



Berens 3 Character Test

The Berens 3 Character Test is designed for patients who are unable to respond to the Worth 4-Dot Test, such as children who cannot name colors and individuals with low color perception. The 3 characters are: a red girl, a green elephant and a white ball. All are reproduced on a special insert that goes over the flashlight lens. The test set consists of a high-quality, three-cell flashlight with a pair of universal spectacles together and complete instructions. 3 D-cell batteries included.

. **153090**



C Worth 4-Dot Flashlight with Anaglyph Glasses.

Batteries not included.

Standard **950100**
 LEA SYMBOLS® **520600**

D Reversible Red/Green Anaglyph Glasses

Durable metal frame glasses with spring-loaded temples. Storage case included.

. **955100**



Red & Green Wraparound Glasses

Wraparound anaglyphic (red/green) glasses offer a functional advantage for vision testing and therapy; they prevent side light regardless of where the patient moves his or her eyes or head.

E Adult **153160**
F Children **153170**