eye charts for distance visual acuity.

Screening the vision of children beginning at age 3 years. Proportional-spaced line charts, and instructions. Includes: 30 Adhesive Eye Occluders, Fun Frames Opaque occluders, Response key and training cards, 13 offset pages for easy flipping, Printer with Paper, Welch Allyn OAE Printer with Paper.

30% spaced rectangle, and other screening the vision of preschoolers. Aged 3 to 5 years. Developed for use by pediatric primary care providers and others screening the vision of children. The Titmus V3 has a 2-year warranty against defects in material and an integrated handle for ease of transport. Phone 866-323-5465 | Web www.SchoolHealth.com | Fax 800-235-1305

**Looking Inside For:**
- Tips for Selecting your Equipment
- Objective Vision Screening Devices
- Hearing Screeners
- Vision Screener Kits & Charts
- Early Intervention Vision & Hearing Kits
- Equipment Calibration & Repair

Assisting Schools with Their Vision Screening Equipment Since 1957
**Hearing & Vision Screening Equipment Guide**

**TIPS FOR SELECTING YOUR HEARING & VISION SCREENING EQUIPMENT**

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**An Excerpt from the School Health Blog:**

**An Audiologist Shares 4 Steps to selecting an Audiometer**

Jen Repovsch, Au.D.

Technology changes and advances at an incredible rate. So fast sometimes that it is difficult to keep up! Luckily all of these advances benefit medical devices too, including devices used to screen hearing.

You may ask, how can an audiometer change? Isn’t a hearing screening just a hearing screening? With recent advances in digital technology, audiometers and other hearing screening devices can be made smaller, lighter and pack in more features to make testing even simpler and more efficient. Today, it is easier than ever to find a hearing screening device that meets your needs.

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**Follow the below steps to help select the best audiometer for your program:**

1. Identify state requirements
2. Determine if your audiometer need to be easy to transport
3. Consider what age group you will be screening
4. Choose the desired format for your test results

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**To read full blog article, please go to:**

[www.schoolhealth.com/4-steps](http://www.schoolhealth.com/4-steps)

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**An Excerpt from the Good-lite Blog:**

**5 Challenges to Poorly Designed Eye Charts - Does Your Chart Adhere to 6 Standardization Guidelines?**

P. Kay Nottingham Chaplin, Ed.D.


1. Optotypes should be of approximate equal legibility (Committee on Vision recommended Sloan letters)
2. Each line on a chart should have an equal number of optotypes (5)
3. Horizontal spacing between optotypes should be equal to the width of optotypes on that line
4. Vertical spacing between each row should be equal to the height of optotypes on that line
5. Optotype sizes should progress geometrically up or down the chart in uniform steps of 0.1 log units
6. Optotypes should be black on white background under good lighting conditions

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**To read full blog, please go to:**

[www.schoolhealth.com/eye-charts](http://www.schoolhealth.com/eye-charts)

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Welch Allyn SureSight Vision Screener
Vision disorders are one of the most prevalent health problems in children today. That’s why Welch Allyn® created the SureSight™. It’s the first objective, accurate vision screening device created to ensure reliable, early detection of refractive error — the primary vision disorder in children. Refractive error occurs when the optics do not clearly focus images on the retina and is the leading cause of amblyopia. For children who develop amblyopia, two-thirds have abnormal refractive error.

New National Expert Panel Recommended referral criteria!
Includes:
- SureSight™ Vision Screener
- Lithium Ion Battery
- SureSight™ Stand
- Charging Transformer

Welch Allyn Spot Vision Screener VS100
A handheld, wireless device that enables efficient vision screening for schools of any size. This binocular device screens for amblyopic precursors (anisometropia/eye mis-alignment) makes Spot a viable tool for early intervention programs targeted at special needs, pre-verbal and pre-school children.

- Hyperopia: farsightedness
- Myopia: nearsightedness
- Astigmatism: blurred vision
- Anisocoria: unequal pupil size
- Anisometropia: unequal refractive power
- Gaze: eye alignment measurement

Welch Allyn Spot with Carry Case .................................................. 1003001
Welch Allyn Spot Vision Screener Package
Includes:
- Spot Vision Screener
- Spot Soft Carry Case
- 1st Year Mfg. Warranty.
- Wireless Printer

Extended Warranty ................................................................. 52897

EyeSpy 20/20 Vision Screening Kit
EyeSpy 20/20 Vision Screening Kit is an accurate, reliable and easy to use computerized vision screening kit that evaluates the entire vision system via a child friendly computer game.

EyeSpy 20/20 can be installed on as many computers within the licensed school and used simultaneously.

- Automated data collection, storage, and bilingual reporting
- Capable of integrating with school’s information systems and other vision screening devices
- No special training required
- Quick and accurate screening results
- Scientifically validated
- Lifetime access to data

Vision Screening Package (1st School) ................................. 52932
Each Additional School within District ............................. 52933
**HEARING SCREENERS**

Most Popular Audiometers

**Maico MA 25 Pure Tone Screeners**  
- Engineered to be tough and reliable. Simple to use and exceptionally light. Includes Carry Case.  
- Meets ASHA Guidelines  
- Light weight and easy to transport  
- Interfaces with electronic medical software  
- 1st year calibration is FREE  

**Maico MA 27 Ultra Portable Audiometer**  
- The MA27 ensures accurate and fast test results. Large finger tip control knobs provide access to a full range of frequencies and hearing levels.  
- Rugged yet light weight case includes built-in storage and handle  
- Easy to operate  
- 1st year calibration FREE  

**Maico® Digital Pilot Audiometer**  
- Screens children as young as three years old by presenting the hearing test as an interactive game making it fun and easy for the child to understand.  
- Tests in English and Spanish  
- Can switch to Pure Tone for older children  
- Easy to use  
- Accurate results  

**Maico MA 4! Portable Air/Bone/Speech Audiometer**  
- Ergonomic design, lightweight portability (only 2.7lbs.), and packed with features. A color display lets you view settings and results on the screen as you test. Integrated wave files eliminate the need for CD player, while onboard data file and PDF storage makes this a true on-the-go audiometer.  

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**Early Hearing Detection**

**Maico® EroScan DPOAE**  
- OAE screener for the early detection of hearing loss. This device quickly screens for hearing loss using objective OAE screening technology.  
- Fast, accurate results - 10 sec/ear  
- Objective testing  
- Easy-to-Use  
- Noise Management  
- Plain Language Results  
- Database Manager  
- Test storage - 250 patient results  
- Long Battery Life - up to 15 hrs.  
- Tests at key speech frequencies - 2, 3, 4 and 5 kHz  

**Welch Allyn OAE Hearing Screener**  
- The Welch Allyn Otoacoustic Emission (OAE) Hearing Screener precisely and objectively screens for hearing loss in newborns, infants, toddlers, preschool, and school-age children in just seconds.  
- Fast, accurate results - 10 secs/ear  
- Objective testing  
- Easy-to-Use  
- Noise Management  
- Plain Language Results  
- Database Manager  
- Test storage - 250 patient results  
- Long Battery Life - up to 15 hrs.  
- Tests at key speech frequencies - 2, 3, 4 and 5 kHz  
- Color display  

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Phone 866-323-5465 | Web www.SchoolHealth.com | Fax 800-235-1305
Hearing & Vision Screening Equipment Guide

VISION SCREENERS, KITS & CHARTS

Sloan Letters Folding Chart  
(10 Foot)  
Evidence based replacement for the Snellen chart. Includes smaller charts as options to prevent memorization. Can be held in hands or hung on a wall.  
18” x 18” open, folds to 9”H ........................................... 52159

LEA Symbols® 10-Line Distance Chart  
(10 Foot)  
For screening children beginning at age 3 years. Proportional-spaced line sizes from 20/200 to 20/16 equivalent. The 20/160 and 20/100 lines have been omitted. 50%-spaced rectangle (Massachusetts Visual Acuity Test format) with line sizes from 20/80 to 20/16 equivalent. Includes response key, flash cards, and instructions.  
16” x 16” when open, folds to 8”H  
Folding ........................................... 52149  
Non-folding ........................................... 52444

MassTest® HOTV Folding Chart  
(10 Foot)  
For screening children beginning at age 3 years 50%-spaced rectangle (Massachusetts Visual Acuity Test format) with a hole for hanging. Includes flash cards and response key.  
18” x 18” when open, folds to 9”H.  
Folding ........................................... 52447  
Non-folding ........................................... 52448

AAPOS Vision Screening Kits  
Vision screening kits developed by The American Association of Pediatric ophthalmology and Strabismus (AAPOS) for screening the vision of children beginning at age 3 with evidence-based, easy-to-use eye charts for distance visual acuity.  
AAPOS Vision Screening Kit ........................................... 52898

AAPOS Vision Screening Supplemental Package ........................................... 52899

Titmus V3 Model Vision Screener  
The Titmus V3 vision screening instrument features a compact, lightweight, foldable design for ease of handling, Line-at-a-Time™ and Object-at-a-Time™ Pointing System, membrane panel for operation, ergonomic design for patient comfort, standardized test illumination and an integrated handle for ease of transport. The Titmus V3 has a 2-year warranty against defects in materials and workmanship from date of purchase. Warranty includes light module. ........................................... 52783

EyE Check Screener with LEA Symbols  
5-foot vision screening test using LEA Symbols pediatric symbols is designed to employ evidence-based screening principles for children aged 3 to 5 years. Developed for use by pediatric primary care providers and others screening the vision of preschoolers.  
Includes:  
• EyE Check vision screener  
• Fun Frames opaque occluders  
• 20 Adhesive Eye Occluders  
• Complete instructions  
• EyE Check recording form  
• Response key and training cards  
• 13 offset pages for easy flipping  ........................................... 52945

To read full blog, please go to: www.schoolhealth.com/eye-charts
EARLY INTERVENTION VISION & HEARING SCREENING KITS

Early Intervention of vision and hearing is important for learning and proper development of speech and language. Treatment outcomes are much more successful the earlier a problem is detected. School Health offers several exclusive Early Intervention packages that include OAE’s (Otoacoustic Emissions), auto refractors and photo-refractors; devices proven and validated to detect early hearing and vision loss. Each kit comes in a convenient rolling suitcase for easy transportation.

SureSight Combo Kits
Vision testing is done using the Welch Allyn SureSight, which provides objective screening results in less than 30 seconds, screening the whole lens at once from 14 inches away. The unit automatically measures and indicates abnormal readings. Referral criteria protocol is based upon results found during the Vision in Preschool Study (VIP Study, 2004)

A. Early Intervention SureSight Combo Kit #1

B. Early Intervention SureSight Combo Kit #2

Spot Early Intervention Combo Kits
Vision testing is done using the Spot Vision Screener, which provides objective screening results in less than 5 seconds, screening the whole lens at once from 3 feet away. The unit automatically measures and indicates abnormal readings. A pass or refer result is given at the end of the screen to indicate whether a child should be referred on for further care.

C. Early Intervention Spot Combo Kit #3

D. Early Intervention Spot Combo Kit #4
Includes Spot Vision Screener, Maico OAE, Maico OAE Printer with Paper (Spot Vision Screener Printer Not Included).

Calibration Parts & Repair
Has your screening equipment been calibrated or serviced lately?

Even though School Health® products meet strict quality and safety standards, most need regular maintenance to continue operating properly. Whether there’s a problem or a routine checkup, the School Health® Calibration, Parts and Repair Department is there for you!

Contact School Health Today to Learn More!

Phone 866-323-5465 | Web www.SchoolHealth.com | Fax 800-235-1305