

After 5 seconds, you'll never look at an eye chart the same way again.



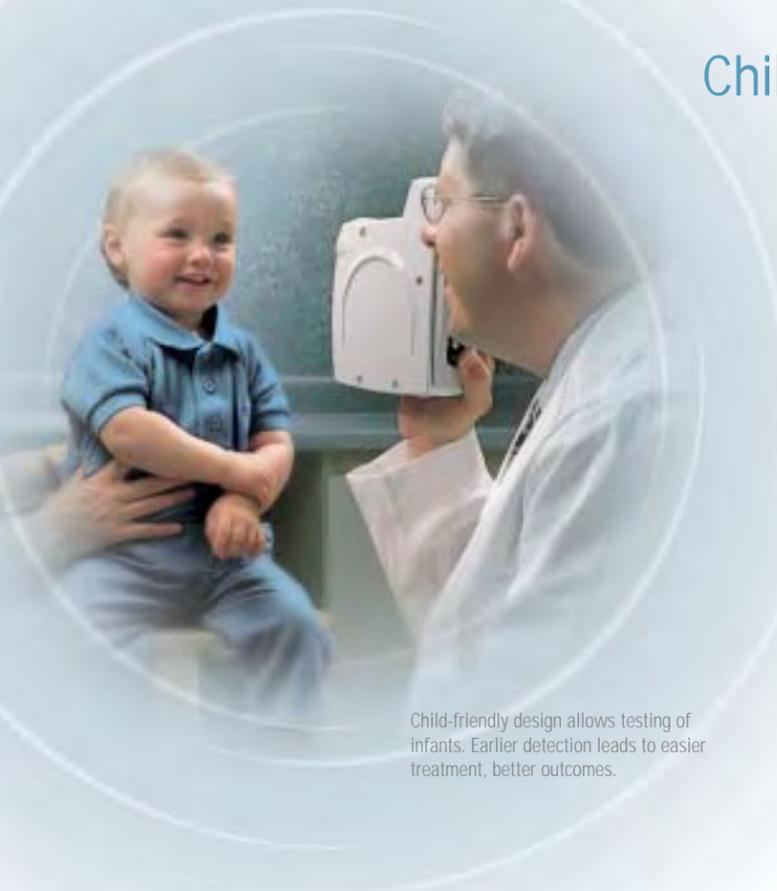
Welch Allyn SureSight™ Vision Screener

**WelchAllyn**®

Advancing Frontline Care™



# An Automatic Vision Test That's Objective and Takes Just Seconds.



Child-friendly design allows testing of infants. Earlier detection leads to easier treatment, better outcomes.

## Child-friendly and fast.

- > **Child-friendly**  
SureSight Vision Screener's lights and sounds engage the child's attention.
- > **Fast and efficient**  
Five-second, automatic test addresses compliance problems and makes testing easier—no more five-minute eye chart checks!
- > **Objective**  
Automatically measures and indicates abnormal readings\*—no provider interpretation is required. Addresses eye chart's sensitivity and specificity problems.
- > **Automatic and nonintrusive**  
Screen with one-button touch from 14 inches (35 cm) away.
- > **No patient response**  
Minimal cooperation is required, making it ideal for use with young children and when there is a language barrier.
- > **Complete, precise refractive information**  
Automatically screens for common vision problems, including near- and farsightedness (myopia/hyperopia), astigmatism (asymmetrical focus), and anisometropia (unequal power between eyes).
- > **Breakthrough technology**  
Welch Allyn's proprietary technology ensures speed and accuracy, addressing problems associated with eye chart screening.

\*Academies' Preschool Guidelines



## SureSight works on adults, too.

Vision disorders are one of the most prevalent health problems children have, and in preschoolers, the majority are undetected. Left untreated, these disorders can lead to amblyopia (lazy eye)—the leading cause of monocular blindness in North Americans under 70.

That's why we created the Welch Allyn SureSight™ Vision Screener, an objective, accurate vision test that ensures reliable early detection of

refractive error, the primary vision disorder in children. Early detection improves outcomes and reduces treatment duration. Refractive error occurs when the eye's optics do not clearly focus images on the retina. Of those who develop amblyopia, two-thirds have abnormal refractive error. In addition, 20% of teenagers need glasses due to refractive error—which can affect educational development when untreated.

The hand-held SureSight Vision Screener addresses the problems associated with eye chart acuity screenings—and it's effective anywhere in the office or offsite. Since minimal patient interaction is required, SureSight can be used for screening infants or handicapped patients. SureSight can also automatically test adults. With SureSight you can finally screen for serious vision problems—at well child visits or anytime—efficiently and effectively.



Flashing lights and sounds engage the child's attention.



Automatic: Tests and indicates abnormal readings on high-visibility display.



Available printer receives results through a remote wireless link. Battery operated—bring it wherever you need it.



Easy: One press of go button starts automatic sequential test of both eyes.



Child-friendly: No patient response required.



## Designed to make screening easy.

- > **Compact and portable**  
Hand-held unit operates for three hours of continuous testing. Available battery-operated printer enables you to get printouts anywhere, anytime.
- > **Comfortable, ergonomic design**  
Weighs two pounds (0.9 kg) and features an ergonomic grip and replaceable, self-adjusting hand strap that accommodates anyone.
- > **Rugged construction**  
Features optics and electronics shock-mounted inside housing to protect unit. The sealed unit helps keep out dirt.
- > **Screen any age**  
SureSight screens babies, children, and adults. You can even test patients while they're wearing glasses or contact lenses—testing for symptoms caused by the need for a new optical prescription.



### US Tax Incentives

The portable Welch Allyn SureSight is ideal for use on patients with restricted mobility. Since this device does not require patient response, you can also use it for screening developmentally disabled patients.

Therefore, in the United States, your use of SureSight may qualify you for a 50% tax credit under the Americans with Disabilities Act (ADA). Other federal and state tax incentives could apply. These can add up to a substantial savings on your investment in a SureSight unit.

Consult with your tax advisor to determine if use of SureSight in your practice is eligible for these tax incentives.

### Ordering Information

14000	SureSight Vision Screener Set (includes 110-130 V charging transformer and stand)
14002	SureSight Vision Screener Set (European)
14004	SureSight Vision Screener Set (UK)
14006	SureSight Vision Screener Set (Australian)
14042	Thermal printer
05140	Carrying case
53600A	Printer paper (1 roll)
72420	SureSight Lithium Ion Replacement Battery

## SureSight: Early Detection for a Lifetime of Healthy Vision.

Amblyopia (lazy eye) is the leading cause of monocular blindness in North America for those under 70. However, if risk factors are detected by age four, 95% of patients can have their vision saved and avoid the lifelong effects of amblyopia, which may include a dramatically higher chance of loss of sight in the other eye, learning delays, and limitation of career choices.

Two-thirds of children with amblyopic risk factors have refractive error (when the eye's optics fail to clearly focus images on the retina). These include anisometropia (unequal optical power of the two eyes), myopia and hyperopia (near- and farsightedness), and astigmatism (asymmetry of focus). Furthermore, 20% of teenagers suffer from a refractive error that requires corrective lenses.

The American Academies of Pediatrics, Family Practice, Ophthalmology, and Optometry all advocate preschool vision screening, especially a key check of children aged three to four. The latest research also indicates that it is a good idea to check refraction in infants—and to begin treatment by age one. Early detection reduces treatment and improves outcomes.

Traditionally, pediatricians and family physicians use visual acuity (eye charts) to screen for refractive vision problems. Unfortunately, acuity testing of preschoolers suffers from low compliance, poor specificity (false positives), and poor sensitivity (false negatives).

The solution? Early vision screening with Welch Allyn's SureSight.

### Welch Allyn SureSight Vision Screener Specifications

Data acquisition time:	2.4 sec/eye
Data acquisition:	Measures and averages 5 to 8 readings/eye
Repeatability measure:	Indicates number of, and variation among, measurements for the given eye
Weight:	2.0 lbs (0.9 kg)
Working distance:	14 inches (35 cm)
Battery life:	More than 3 hours of continuous usage
Low-battery indicator:	Indicates 15 minutes' usage remains
Technology:	Welch Allyn proprietary autorefractor hardware/algorithm
Interfaces:	Remote infrared link to thermal printer. RS-232 interface for IBM-compatible PC for future software upgrades
Distance detection:	Automatic, with audible and visual cues
Eyeiece:	Illuminated target for easy aiming
Stand:	Compact charger and storage



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