

Welch Allyn SureSight™ Autorefractor

Specifications

Data acquisition	Measures and averages 5 to 8 readings/eye
Measurement range	Sphere: +5.5 to -5.0 diopters. Cylinder: ± 3 diopters
Repeatability measure	Indicates number of, and variation among, measurements for the given eye
Weight	0.9 kg
Working distance	35 cm
Data acquisition time	2.4 s/eye
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 PCs for future software upgrades/data transfer to electronic medical records
Distance detection	Automatic, with audible and visual cues
Eyepiece	Illuminated target for easy aiming
Stand	Compact charger and storage

Ordering Information

- 14012* SureSight Autorefractor Set (includes charging transformer, stand, thermal printer, and carrying case) (European)
- 14014* SureSight Autorefractor Set (includes charging transformer, stand, thermal printer, and carrying case) (UK)
- 14016* SureSight Autorefractor Set (includes charging transformer, stand, thermal printer, and carrying case) (Australian)
- 53600A Printer paper (1 roll)

* Use a letter suffix to designate manual languages: F—French, G—German, I—Italian, S—Spanish (e.g. 14012F for French manual and quick reference guide).

All specifications are subject to change.

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Advancing Frontline Care™



Welch Allyn SureSight™ Autorefractor

A portable autorefractor that's accurate, affordable, and takes just seconds

WelchAllyn®

Advancing Frontline Care™

Autorefract Your Patients. Anytime. Anywhere.



The portable, affordable Welch Allyn SureSight Autorefractor lets you test patients – including young children and adults – anytime, anywhere. Simple one-button operation, quick five-second tests, and flashing lights make it ideal for testing children or uncommunicative patients when there is a language barrier.

The device's light weight and small profile make it easy to carry from room to room or even off-site. And best of all, this affordable device is available at a fraction of the price of standard autorefractors.

FAST AND ACCURATE

- > **Breakthrough technology** – Welch Allyn's proprietary technology ensures speed and accuracy.
- > **Provides complete refractive data** – Sphere, cylinder (in plus or minus convention) and axis.
- > **Fast and efficient** – Five-second, automatic test.
- > **Automatic and noninvasive** – Test with one-button touch from 35 cm away.
- > **Easy** – SureSight autorefractor's lights and sounds engage the patient's attention.
- > **No patient response** – Minimal cooperation is required, making it ideal for use on young children, the disabled, and when there is a language barrier.
- > **Test any age** – SureSight refracts babies, children, and adults. You can even test patients while they're wearing glasses or contact lenses.
- > **Screening mode** – Simplified display includes abnormal readings for 3- to 4-year-olds*.
- > **Measurement range covers 95% of adults.**

PORTABLE AND EASY TO USE

- > **Go anywhere** – The handheld, 0.9 kg SureSight unit and printer can be carried easily from room to room, to your waiting area, off-site – wherever you need it.
- > **Comfortable, ergonomic design** – Lightweight unit features an ergonomic grip and replaceable, self-adjusting hand strap that accommodates anyone.
- > **Short learning curve** – SureSight is so easy to learn and use, your staff can readily use it to refract patients.
- > **Rugged construction** – Features shock-mounted optics and electronics to protect unit. The sealed unit helps keep out dirt.
- > **3 hours of on-time** – Rechargeable lithium ion battery ensures 3 hours of continuous use on a single charge.
- > **Convenient carrying case** – Allows you to take SureSight and the printer out of the office.

*As recommended by the American Academies of Ophthalmology and Optometry



Flashing lights and sounds engage the patient's attention.

No cycloplegic drops required. Non-threatening 35 cm working distance.



Printer receives results through a remote wireless link. Battery operated – bring it wherever you need it.



Compact, lightweight unit can be easily carried anywhere you need it.

One button starts the automatic sequential test of both eyes.

SureSight Autorefractor – Accurate refraction at a fraction of the cost

SureSight is a portable, child-friendly instrument that accurately refracts patients in just seconds. And it's available at about half the price of standard autorefractors.

In addition, the Welch Allyn SureSight Autorefractor solves many of the problems you face when performing autorefraction. You can perform objective refraction from a nonthreatening

35 cm away – even through glasses and contact lenses. Training other personnel such as technicians or nursing staff to do the tests is straightforward because there is no intimidating equipment. And finally, there are no cycloplegic drops to contend with. Just fast, easy refractions. That's why SureSight makes testing even your toughest patients quick and painless – for both you and your patients.