

Halogen Coaxial-Plus Ophthalmoscope

When Welch Allyn designed the world's first directly illuminated, hand-held ophthalmoscope in 1915, we started a tradition of bringing superior ophthalmic technology to professionals worldwide. Today, we continue to set standards for innovative technology. The popular 3.5v Coaxial-Plus Ophthalmoscope is one of our latest developments. With its combination of patented Coaxial-Plus optics, a unique new selection of filters and precise manufacturing techniques, the Coaxial-Plus Ophthalmoscope enables easier entry into undilated pupils over flat-mirrored optical systems.



11735 3.5v Coaxial-Plus Ophthalmoscope with the 719 Lithium-Ion Handle

THE SYSTEM FEATURES 6 APERTURES:

- MICRO-SPOT APERTURE:** allows quick entry into small, undilated pupils.
- SMALL APERTURE:** provides excellent view of fundus through an undilated pupil.
- LARGE APERTURE:** standard aperture for dilated pupil and general examination of the eye.
- FIXATION APERTURE:** has graduated cross-hairs for measuring eccentric fixation or locating lesions.
- COBALT FILTER:** used with fluorescein dye to view small lesions, abrasions, and foreign objects on the cornea.
- SLIT:** used to determine levels of lesions and tumors.

11735 COAXIAL-PLUS OPHTHALMOSCOPE



LENSES	FILTERS	OPTICAL SYSTEM
68 lenses: -30 to +38 diopters	Neutral density filter Opacity setting Red-free filter	Coaxial-Plus optics Halogen HPX light*

*Lamp replacement Part No. 04900-U

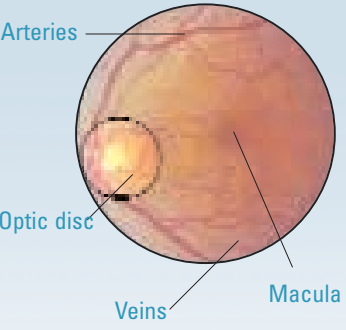
ORDERING INFORMATION

11735 3.5v Coaxial-Plus Ophthalmoscope

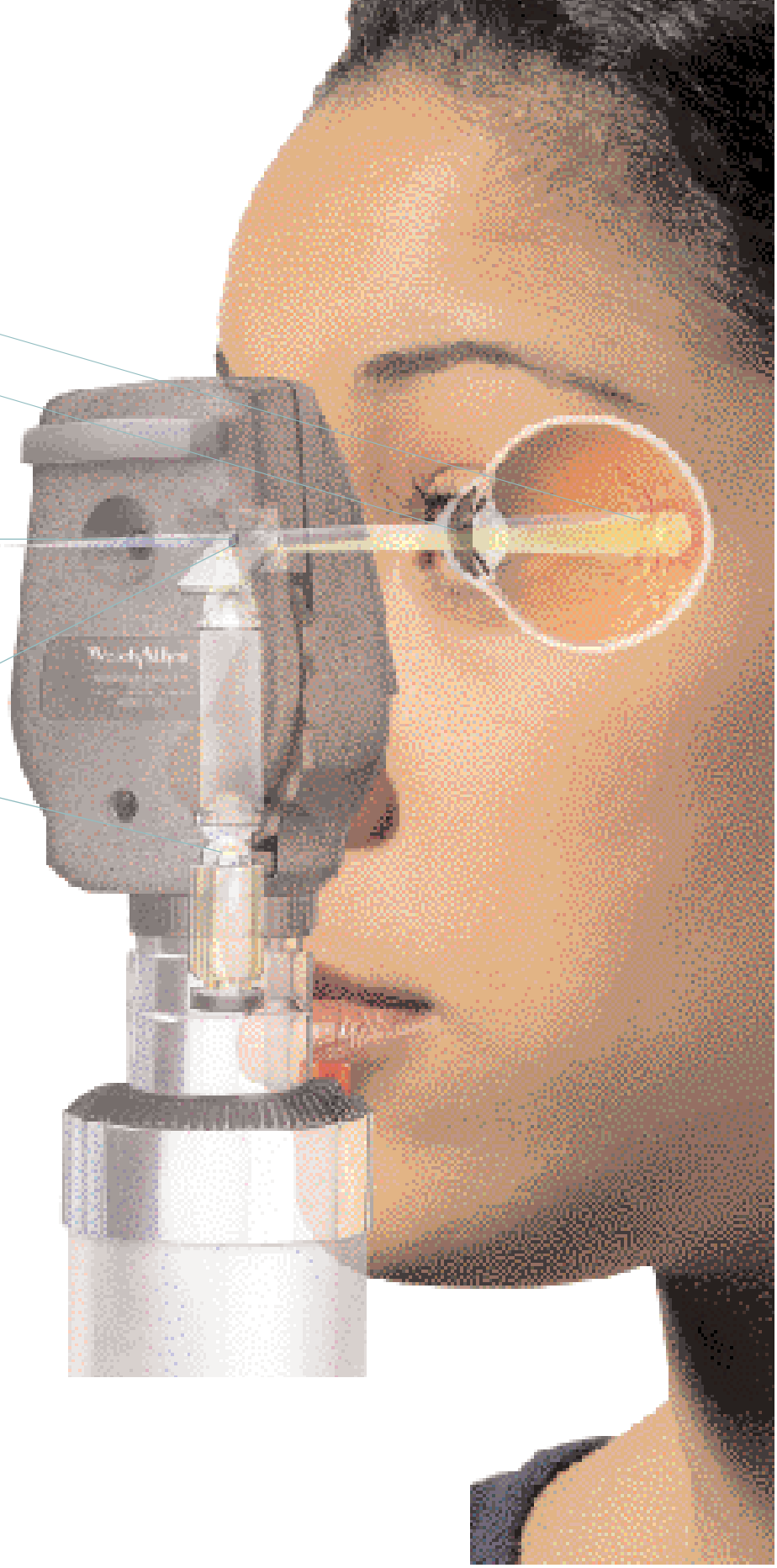
Coaxial Vision System

- See a larger field of view
- More readily enter the smallest pupils, regardless of pupil size
- The doctor looks through the notch in the mirror directly along the pathway of the light, seeing a larger area of the retina
- The exclusive curved-filament lamp and notch in the mirror are the patented enabling features of the coaxial vision system

THE WELCH ALLYN COAXIAL VISION SYSTEM



The Welch Allyn Coaxial Vision System virtually eliminates shadowing, allowing you to see a much larger portion of the fundus than with any other standard direct ophthalmoscope. Our system brings the lines of vision and illumination closer for easier entry of light into the pupil and a larger field of view.



Elite™ Retinoscope

SUPERIOR ILLUMINATION FOR FASTER AND EASIER REFRACTIONS

Welch Allyn's newest ophthalmic innovation, the Elite Retinoscope, has an enhanced light output that makes refractions easier than ever by producing one of the brightest, sharpest, and cleanest streaks available. Features such as a convenient external focusing sleeve, sealed optics, and an optional polarizing filter make this one of the most user-friendly and innovative retinoscopes offered.

SUPERIOR STREAK QUALITY:

Enables easier and quicker refractions—
even in patients with small pupils

CROSSED LINEAR POLARIZING FILTER:

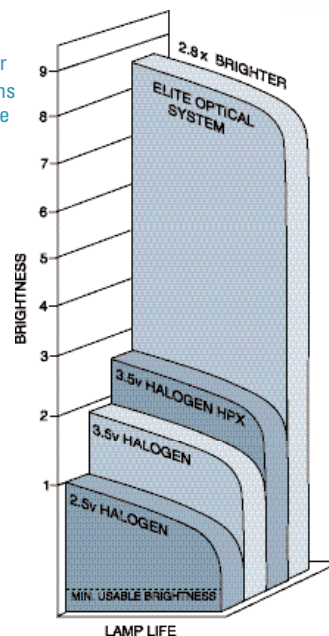
Eliminates bothersome glare from trial lenses,
helping you perform a more precise exam at
the flick of a switch

EXTERNAL FOCUSING SLEEVE:

The continuously rotating external focusing sleeve
improves comfort and maneuverability no matter what
size your hand is or how you prefer to manipulate the sleeve

DUST-FREE DESIGN:

Completely sealed optics
keep the lenses cleaner for
more effective examinations
over a longer period of time



BRIGHTNESS VS. STANDARD RETINOSCOPE:

ELITE OPTICAL SYSTEM:

The Elite Optical System provides 2.8X the
brightness and superior streak quality versus
standard retinoscopes.



Elite™ Retinoscope
with 719 Lithium-Ion Handle

18245

What is a retinoscope and how does it work?

A retinoscope is an instrument used to objectively determine the refractive power of the eye. It works by allowing the examiner to project a beam of light into the eye and then observe the light as it is reflected back out of the eye. The emerging light will change as it passes through the optical components of the eye, and by judging how much it changes, the examiner can determine the refractive power of the eye.

What types of retinoscopy are there?

There are basically two types of retinoscopy: static retinoscopy and dynamic retinoscopy. Static retinoscopy is used for routine refractions with the patient viewing a distant target. Dynamic retinoscopy is performed when the patient focuses on a near target and is helpful in determining the accommodative ability of eyes with decreased vision and in checking for residual accommodation after administering a cycloplegic drug.

Spot/Streak Interchangeability

For those preferring a spot retinoscope, the Welch Allyn streak retinoscope converts to a spot retinoscope by simply replacing the streak lamp with a spot lamp.

Fixation Cards

Set of four fixation cards quickly and easily attach to magnetic logo on instrument head for dynamic retinoscopy.



ORDERING INFORMATION

18245 Welch Allyn Elite™ Streak Retinoscope

18250 Set of four fixation cards quickly and easily attach to magnetic logo on instrument head for dynamic retinoscopy

What is the new “Smarter” battery technology?

The Lithium Ion Power Handle's new technology provides twice the on-time with just half the weight. This “Smarter” technology also means no memory effect, often found in NiCad batteries. We also offer a low-battery indicator.



71640 Desk Charger with Lithium-Ion Handles (heads sold separately)



71980 Lithium-Ion Well Adapter

Allows use of Lithium-Ion Power Handle with traditional charging stand

71950 Removable Pull-out AC Charging Module



Retractable AC charging module easily plugs into any outlet.

RECYCLABLE BATTERY:

Please return expended rechargeable batteries to Welch Allyn for recycling.



How do I recharge the batteries?

The Lithium Ion Power Handle's AC charging module can be plugged into any 110v outlet by clicking out the module's retractable AC prongs and plugging it in. You can also charge the Lithium Ion Handle in a desk charger or chair well.

Lithium-Ion Power Sources

TWICE THE ON-TIME, HALF THE WEIGHT!

Another Welch Allyn innovation, the next-generation Lithium-Ion Power Handle features “Smarter” Lithium-Ion battery technology. The Lithium-Ion Power Handle powers any 3.5v instrument head for 110 minutes—twice as long as our conventional handle. Its rugged CYCOLOY® plastic resin construction and ergonomic design make the handle lightweight and more comfortable for any sized hand. ETL listed for medical safety standards.



SOFT GRIP RHEOSTAT:
For light-intensity control

TEXTURED HANDLE:
Made of durable CYCOLOY® blend construction

LOW-BATTERY INDICATOR LIGHT

71900

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Welch Allyn Blood Pressure Products featuring DuraShock™ Technology

Welch Allyn®
Advancing Frontline Care™

Maintain Accurate Blood Pressure

Welch Allyn's complete line of aneroid sphygmomanometers incorporating our shock-resistant DuraShock Technology offers practical benefits compared to traditional aneroid sphygmomanometers. With gear-free DuraShock Technology, you can count on Welch Allyn gauges to:

- > Remain in calibration longer than traditional blood pressure gauges, providing you with readings that maintain accuracy over time.
- > Not need to be replaced as often as traditional aneroids, giving you a lower lifetime cost.
- > Capable of passing AAMI's shock resistant specification of surviving a 76 cm drop onto a hard surface and remaining in calibration.

Platinum Series

All products in the Platinum Series product range incorporate the following features:

- Jeweled movement for long life
- Laser-engraved dial for accuracy
- Premium inflation system for comfort
- Super shock-resistant—can withstand up to 60" drop and remain accurate
- Lifetime calibration warranty
- Premium aesthetics

Tycos® Classic Models: DS58, DS48, DS48A

The Welch Allyn Tycos DS58 Classic is one of three premium models in this new Welch Allyn product range. In addition to the features listed here, the DS58 features an ergonomic inflation bulb designed to enhance comfort while inflating a cuff.

The DS48 Classic aneroid plugs directly into an integrated cuff, providing a more robust design that is twice as shock resistant as the current DS44 and DS45 Integrated gauges from Welch Allyn. The gauge rotates 360° for easy viewing from any angle.

The DS48A Classic pocket style aneroid is lightweight and will not weigh down a cuff on a patient's arm.

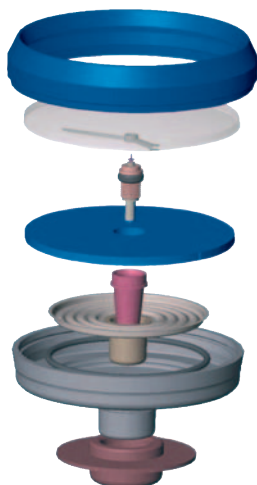




How DuraShock Technology Works

In traditional aneroid sphygmomanometer design, several delicate gears and springs convert and amplify vertical movement of the pinion to rotational movement to turn the pointer. The DuraShock gear-free design, however, uses a superior single helix spring to directly convert the vertical movement of the pinion to rotation of the pointer without the use of a multi-step gear arrangement.

By creating a gear-free design, Welch Allyn products with DuraShock technology has fewer moving parts, providing a gauge that is shock resistant and lighter than traditional gauges. Until now, a dropped sphygmomanometer required recalibration or replacement. The DuraShock gauges in the Bronze, Silver, and Gold lines can fall 30 inches onto a hard surface and still remain accurate. The DuraShock gauges in the Platinum line can fall 60 inches onto a hard surface and still remain accurate.



Welch Allyn's aneroid sphygmomanometers incorporating shock-resistant DuraShock Technology offer award-winning design for superior movement and accuracy. It's the first gear-free aneroid capable of meeting the Association for the Advancement of Medical Instrumentation (AAMI) Shock Resistant specification.



Award-Winning Technology

Patented DuraShock Technology is the first major innovation in aneroid sphygmomanometer technology in nearly 100 years. It has received international recognition for medical design and technological significance in the marketplace.



Laser-Engraved Dial Face

All Welch Allyn Platinum, Gold, and Silver line sphygmomanometers feature a gauge that is calibrated by a computer and laser-engraved with a custom made dial face that accurately reflects the readings of the DuraShock aneroid movement inside. This proprietary production process is unique to Welch Allyn and provides you with a sphygmomanometer of extreme accuracy.

A photograph of a healthcare professional, likely a nurse, smiling and using a stethoscope to listen to the chest of a young child. The child is wearing a light blue hospital gown. The background is a soft-focus clinical setting. The image is partially covered by a large, semi-transparent white triangle that points towards the bottom right, where the text is located.

Welch Allyn Stethoscopes

Hear the difference from the leader in diagnostic care

For almost 100 years, we have been focused on providing exceptional performance and value from every Welch Allyn device. Our complete lineup of stethoscopes are no exception.

From our innovative sensor-based Elite Electronic stethoscope, the Harvey DLX with trumpet brass construction for improved sound, to our well-known disposable line, every Welch Allyn product has been designed to provide you—the caregiver—with outstanding value and performance.

Cardiology Grade Stethoscopes

Developed during a 30-year association with Dr. W. Proctor Harvey, MD, a recognized “Master” by the American College of Cardiology.

Harvey DLX™

With trumpet brass construction, the Harvey DLX stands out among all other stethoscopes. Trumpet brass construction translates to hearing more of the important cardiac, pulmonary and vascular sounds without relying on difficult “variable pressure” techniques.

- Full-range cardiology/pulmonology stethoscope
- Available in double- or triple-head designs
- Flat or corrugated diaphragms
- Pediatric chestpiece available
- Chrome-plated brass chestpiece and binaurals
- Rotatable binaurals and interchangeable comfort sealing eartips
- Dual-lumen tubing creates individual, uninterrupted sound channels to each ear
- Latex free
- 10-year warranty

Harvey™ Elite®

The Harvey Elite offers updated styling with the superior comfort and auscultation capabilities cardiologists have come to rely on. Its stainless steel head transmits sounds crisply and clearly.

- Full-range cardiology/pulmonology stethoscope
- Double head (bell and diaphragm)
- Pediatric chestpiece available
- Stainless-steel chestpiece with non-chill rim
- Rotatable binaurals and interchangeable comfort sealing eartips
- Dual-lumen tubing creates individual, uninterrupted sound channels to each ear
- Flat or corrugated diaphragms
- Latex free
- 10-year warranty

NEW: 28" LENGTH
AVAILABLE



HARVEY DLX DOUBLE-HEAD
STETHOSCOPE 5079-325



HARVEY ELITE DOUBLE-HEAD
STETHOSCOPE 5079-125