

**WelchAllyn**<sup>®</sup>

Advancing Frontline Care<sup>™</sup>

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# A Tradition of Visionary Thinking

Since our inception in 1915, Welch Allyn has focused on developing instruments for busy clinicians to diagnose and treat their patients. This has allowed us to build a strong reputation as a leading manufacturer of medical diagnostic instruments. In fact, Welch Allyn has created innovations that have set the standards by which all others are compared. Here are just a few important milestones we've achieved.

- 1915 World's first hand-held, directly illuminated ophthalmoscope
- 1973 First use of halogen illumination in a medical instrument
- 1983 First coaxial optical system in a direct ophthalmoscope
- 1989 First 68-lens automatic diopter progression and display ophthalmoscope
- 1999 First lithium ion battery technology in hand-held ophthalmic instruments
- 2001 The PanOptic™ Ophthalmoscope, a revolutionary instrument that provides a 5X larger view of the fundus in an undilated pupil
- 2004 The Elite™ Retinoscope provides 2.8X the brightness compared to standard retinoscopes

The advances listed here not only represent significant advances in technology, but also are durable, easy-to-use products that will save you time on the front-lines of care. Our focus has always been on making better products to save you time, so you can focus on what's really important—your patients.

In this catalog you will find information on our line of ophthalmic diagnostic instruments. It includes information on product features and benefits as well as model numbers to make ordering easy. It even includes information on replacement lamps and batteries.

If you would like to place an order or have any questions on a product listed here, call 1-800-535-6663 to speak with a Welch Allyn Customer Service representative.

As always, your comments and suggestions are welcome.

Please write: Welch Allyn  
Ophthalmic Instruments Product Manager  
4341 State Street Road • P.O. Box 220  
Skaneateles Falls, New York 13153-0220

Telephone: 1-800-535-6663

Fax: 1-800-685-2174

Or visit us at [www.welchallyn.com](http://www.welchallyn.com)

# PanOptic™ Ophthalmoscope

Revolutionary new technology for a difference you can see. Developed and patented by Welch Allyn—creator of the world's first hand-held, direct illuminating ophthalmoscope—the new PanOptic Ophthalmoscope is a breakthrough concept in ophthalmology. Thanks to an innovative, proprietary optical design known as Axial PointSource™ Optics, the PanOptic Ophthalmoscope will greatly enhance your fundoscopic exams.

## THE ADVANTAGES OF USING THE PANOPTIC OPHTHALMOSCOPE

- A 5X larger view of the fundus vs. standard ophthalmoscopes in an undilated eye
- Fast, easy entry into small, undilated pupils
- A staggering 25° field of view vs. the 5° field of view of standard ophthalmoscopes
- Greater working distance between practitioner and patient, improving comfort for all
- A 26% increase in magnification, making it easier to see retinal details

Works with all Welch Allyn 3.5v power handles and wall transformers.

### PATIENT EYECUP:

The eyecup establishes and maintains proper viewing distance, provides image stability, serves as a pivoting point for panning around the retina, helps with orientation, and screens out ambient light. The eyecup can be cleaned and is reusable.

### AXIAL POINTSOURCE OPTICS:

Easy entry into undilated pupils, resulting in a view of the fundus that's 5X larger than standard ophthalmoscopes in an undilated pupil.

PanOptic Ophthalmoscope  
with Lithium-Ion Power Handle

### PATENTED GLARE EXTINGUISHMENT SYSTEM:

Prevents interference from unwanted glare and reflections.

### DYNAMIC FOCUSING WHEEL:

Continuous, smooth action for more precise control and optimum view (+20 to -20 diopter range).

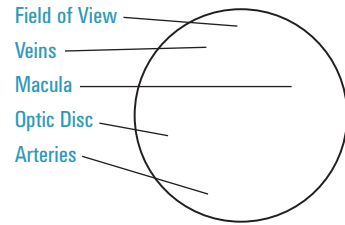
### APERTURE DIAL:

Allows you to select micro, small, and large spot sizes. Also includes a slit aperture and both a cobalt blue and red-free filter.

# Axial PointSource™ Optics

What makes the PanOptic™ Ophthalmoscope so revolutionary? Quite simply, it's Welch Allyn's Axial PointSource Optics. By converging the illumination to a point at the cornea, Axial PointSource Optics allows easy entry into even the smallest pupils. It then enables the illumination pathway to diverge to the retina, creating a very wide illuminated area of the fundus.

Simultaneously, the scope's unique viewing system allows you to see the illuminated area on virtually the same axis, creating one of the widest fields of view attainable in undilated ophthalmoscopy. This means you are actually viewing the fundus through the mirror that directs illumination into the eye, maximizing the alignment of the viewing axis with the illuminated area. The bottom line? Welch Allyn's PanOptic Ophthalmoscope provides a dramatic difference you can see right away. And that translates into easier, more complete funduscopic exams for you—the first time and every time.



## WHAT YOU WILL SEE

The entire optic disc and surrounding vessels should be visible.

You should be realizing 5X the field-of-view you would see with a standard ophthalmoscope in an undilated eye.

This wide view makes it much easier to see important fundus features.

Patient's eye.

The illumination pathway then diverges to the retina, illuminating a very wide area of the fundus.

Illumination system converges the light to a point at the cornea, allowing easy entry into small pupils.

New Halogen HPX™ lamp provides whiter, brighter light.

Physician's eye.

Viewing system enables the operator to view the illuminated area on virtually the same axis, creating the widest field of view attainable.

Patented Glare Extinguishment System prevents interference from unwanted glare and reflections.

## ORDERING INFORMATION

- 11820 **PanOptic Ophthalmoscope with Cobalt-Blue Filter and Corneal Viewing Lens (13.3 diopters)**
- 11870 **Patient Eyecups (package of 5 reusable cups)**
- 03800-U **Halogen HPX Replacement Lamps**
- 11875 **Corneal Viewing Lens (for use with 11820)**
- 05828-U **Diagnostic Set Carrying Case (hard)**

# The Welch Allyn Coaxial Vision System

**The Welch Allyn patented Coaxial Vision System makes ophthalmoscopy easier than standard aspheric ophthalmoscopes. That's because it gives you more advantages than other direct ophthalmoscopes available today, including easier entry into the eye, a larger field of view, and reduced glare.**

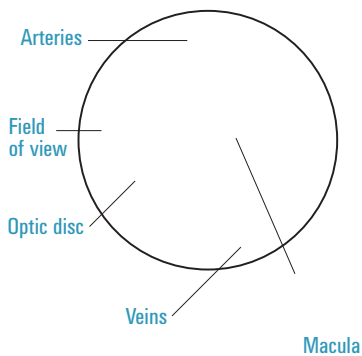
The exclusive curved-filament lamp and hole-in-the-mirror are the patented enabling features of our Coaxial Vision System.

By looking through the mirror directly along the pathway of the light, you'll see a larger area of the retina than other standard direct ophthalmoscopes.

See a larger field of view

More readily enter the smallest pupils, regardless of pupil size

## 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.

# Halogen Coaxial-Plus Ophthalmoscope

When Welch Allyn designed the world's first directly illuminated, hand-held ophthalmoscope 90 years ago, 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.

## COAXIAL-PLUS OPTICAL SYSTEM:

Precise lamp filament and optical alignment enable maximum coaxial viewing for enhanced visibility and uniform illumination.

## IMPROVED LENS SELECTION DISC:

Offers 68 lenses with smooth, simple movement, and instant readout of actual diopter level.

## APERTURE SELECTION DIAL:

Offers six standard apertures.

## OPACITY SETTING:

Provides the brightest Halogen HPX™ light for easy entry into eyes with cataract or other media opacity.

## NEUTRAL FILTER:

Provides the ideal amount of Halogen HPX light for entering healthy eyes without unwanted reflex.

## THE SYSTEM FEATURES 6 APERTURES:

**MICRO-SPOT APERTURE:** allows quick entry in 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.

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

LENSES	FILTERS	OPTICAL SYSTEM
68 lenses: -30 to +38 diopters	Neutral density filter Opacity setting Red-free filter	Coaxial-Plus optics Halogen HPX light
11735 Coaxial-Plus Ophthalmoscope		*Lamp replacement Part No. 04900-U
68 lenses: -30 to +38 diopters	Cross-linear polarizing Red-free filter Cobalt blue filter	Coaxial optics Halogen HPX light
11730 Halogen AutoStep Ophthalmoscope		*Lamp replacement Part No. 04900-U
28 lenses: -25 to +40 diopters	Cross-linear polarizing Red-free filter Cobalt blue filter	Coaxial optics Halogen HPX light
11720 Coaxial Ophthalmoscope		*Lamp replacement Part No. 04900-U

## ORDERING INFORMATION

11735 **Coaxial-Plus Ophthalmoscope**  
 11730 **Halogen AutoStep Ophthalmoscope**  
 11720 **Coaxial Ophthalmoscope**  
 04900-U **Replacement Lamp**

# 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.

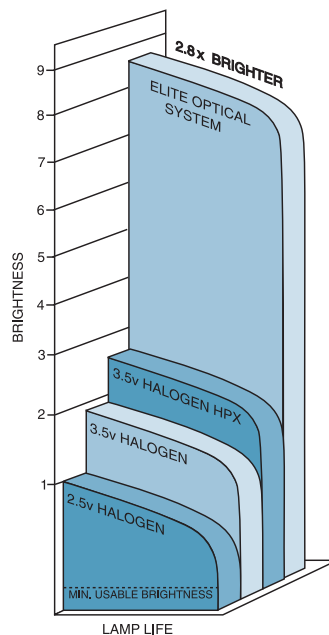
**CROSSED LINEAR POLARIZING FILTER:**  
Eliminates bothersome glare from trial lenses, helping you perform a more precise exam at the flick of a switch.

**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 ORDERING INFORMATION

- 18245 **Welch Allyn Elite Streak Retinoscope**
- 08200-U **Halogen HPX Streak Replacement Lamp**
- 08300-U **Halogen HPX Spot Replacement Lamp**

### SPOT RETINOSCOPE INTERCHANGEABILITY

Simply insert a spot filament bulb in place of the streak filament bulb and the Welch Allyn Elite Retinoscope is converted into a Spot Retinoscope. This allows you to perform spot retinoscopy without having to buy a second scope.

### ACCESSORIES

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

Elite™ Retinoscope  
with 719 Lithium-Ion Handle

**LENS SELECTION DISC:**  
Offers choice of 48 viewing lenses.

**CONTINUOUS APERTURE  
SELECTION DIAL:**  
Offers six apertures (on patient side).

**SEALED OPTICS:**  
For improved long-term  
performance.

**EXTERNAL FOCUSING SLEEVE:**  
For easy streak manipulation.

## POCKETSCOPE SET

- 94830 (94805\* export) **Ophthalmic  
PocketScope Set with  
rechargeable 2.5v  
batteries, charging stand,  
and case**
- 94820 **Ophthalmic PocketScope  
set with AA batteries  
and case**

## INDIVIDUAL POCKETSCOPES

- 12820 **PocketScope Ophthalmo-  
scope with AA batteries**
- 16220 **PocketScope Retinoscope  
with AA batteries**
- 14220 **PocketScope Transillu-  
minator with AA batteries**

## ACCESSORIES

- 03900-U **PocketScope  
Ophthalmoscope lamp**
- 03400-U **PocketScope  
Transilluminator lamp**
- 08400-U **PocketScope  
Retinoscope lamp**
- 72600 **Rechargeable 2.5v  
PocketScope Ni-Cad  
battery**
- 72610 **Rechargeable 2.5v  
Ophthalmic CompacSet  
Ni-Cad battery**

## 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



## Ni-Cad Power Sources

Whether you want a convertible handle or one that simply recharges in a well, Welch Allyn offers a choice of power sources that are compatible with each and every one of our instrument heads.

Welch Allyn's concern for health extends to protecting our environment. We encourage customers to return expended nickel cadmium batteries to us for recycling.

71620 Universal Desk Charger and  
Two Ni-Cad Handles (heads sold separately)



71670

71000-C

71000-A

71670 **3.5v Well Rechargeable Handle**

71000-C **3.5v Rechargeable/Convertible Handle (wall plug-in)**

71000-A **3.5v Rechargeable Handle (wall plug-in)**

\*Available for export. Please specify country and voltage. Export ordering example: #71105 – Spain – 220v

### 3.5V DESK CHARGER AND HANDLES

71140 **Universal Charger only**

71670 **Rechargeable  
3.5v Handle only**

71110 (71105\* export)  
**Charger only**

71410 **Optional Wall Bracket  
for use with above desk  
chargers**

72200 **Ni-Cad Rechargeable  
Battery (color-coded  
black)**

### 3.5V CONVERTIBLE HANDLE

71000-C (71055-C\* export)  
**3.5v Convertible  
Power Handle (C-Cell  
battery capability)**

72300 **Ni-Cad Rechargeable  
Battery (color-coded  
orange)**

### 3.5V HANDLE

71000-A (71055\* export)  
**Rechargeable 3.5v  
Power Handle**

71050 **Extra bottom section only**

72300 **Ni-Cad Rechargeable  
Battery (color-coded  
orange)**

# Welch Allyn Ophthalmic Diagnostic Sets

Many busy practitioners find that the best way to carry and store equipment is in a diagnostic set. That's why Welch Allyn offers a variety of customized equipment options to help fit your specific needs. Choose from a wide range of power sources, retinoscopes, ophthalmoscopes, and carrying cases.

## ALL SETS INCLUDE:

- Rechargeable Power Handle(s) of Choice
- Coaxial-Plus Ophthalmoscope and/or PanOptic™ Ophthalmoscope
- Halogen HPX™ Streak Retinoscope
- Carrying Case
- Fixation Card Set

## ORDERING INFORMATION

18335-SM\* **Smart Set**

**Includes Elite Retinoscope, Coaxial-Plus Ophthalmoscope, 3.5v Lithium-Ion handle, and A/C charging module**

18335-C\* **Classic Set**

**Includes Elite Retinoscope, Coaxial-Plus Ophthalmoscope, and Ni-Cad rechargeable convertible handle**

18320-PSM\* **PanOptic Smart Set**

**Include retinoscope, PanOptic ophthalmoscope, transilluminator, and 3.5v Lithium-Ion handle**

\*Available for export. Please specify country and voltage. Export ordering example:  
#18335-SM – France – 220v

18335-SM\* Smart Set

18335-C\* Classic Set

18320-PSM\* PanOptic Smart Set



# Binocular Indirect Ophthalmoscopes

The Welch Allyn Binocular Indirect Ophthalmoscope is the most advanced BIO available. It offers state-of-the-art, convenient features along with a lightweight, comfortable fit and increased stability. In short, the Welch Allyn BIO is everything you need to make practicing indirect ophthalmoscopy easier and more efficient than ever before.

10-YEAR WARRANTY ON INSTRUMENT AND HEADBAND

BIO with diffuser filter and yellow filter

ERGONOMICALLY DESIGNED CONTROLS:  
Convenient, durable design provides simple operation and protection against accidental drops.

SMALL PUPIL CAPABILITY:  
Convergence control allows illumination and visual pathways to be synchronized for excellent viewing in patients with pupils as small as 2 mm.

PADDED HEADBAND:  
Well-padded leather contact points and "swooped" design provide maximum comfort and viewing stability. Easy to adjust for a secure fit.

SOFTTILT PARK/REST FEATURE:  
Allows optics to be moved to a stationary position out of your line of vision and eliminates risk of damage to eyeglasses or optics when returning them to use.

HALOGEN LIGHT SOURCE:  
One of the brightest, longest-lasting lamps available in a BIO (average lamp life 100 hours).

OPTIONAL DIFFUSER FILTER:  
Broadens the illumination beam for enhanced viewing of the peripheral retina.

PRECISE ALUMINUM CHASSIS:  
Protects optics and keeps components in precise alignment.

FULL-TIME SAFETY FILTER:  
Protects your patients against UV and IR hazards.

MIRROR TILT CONTROL:  
Optimally synchronizes illumination and viewing paths.

SEALED OPTICS:  
Vital optics and mirror assemblies are sealed against dirt and dust for enhanced viewing and durability.

IPD CONTROL:  
Adjusts to handle interpupillary distances of 48 mm to 75 mm—one of the widest ranges available in a BIO.

## ORDERING INFORMATION

- 12500 **BIO with cobalt blue filter (optical portion and headband)**
- 12500-D **BIO with cobalt blue filter and diffuser filter (optical portion and headband)**
- 12500-Y **BIO with yellow filter (optical portion and headband)**
- 12500-DY **BIO with diffuser filter and yellow filter (optical portion and headband)**

## Power Sources

Choose from two power sources—our Portable Power Source or the versatile Wall/Desk Power Source designed for mounting to almost any surface.

- 74350 (74355\* export) **Wall/Desk Power Source mounts to any convenient surface**
- 74360 (74365\* export) **Portable Power Source with up to 60 minutes of on-time—can be used with recharging transformer for extended use**

74350 Wall/Desk Power Source

74360 Portable Power Source

## Accessories

### CARRYING CASES

Maximum protection for BIO and room for all your essential accessories.

- 05120-U **Large Carrying Case**
- 05122-U **Small Carrying Case**

05120-U

05122-U

- 12550 **Teaching Mirror**
- 12060 **Scleral Depressor**
- 50120 **Fundus Charts and Pencils**
- 73300 **Four-foot Cord Extension**
- 12551 **Voltage Adapter, 4.5v**

12550

50120

\*Available for export. Please specify country and voltage. Export ordering example: #74355 – Ireland – 240v

## Other Ophthalmic Instruments

### 3.5V HALOGEN FIBER OPTIC TRANSILLUMINATORS

General fiber optic examination light provides cool illumination that eliminates patient discomfort. Useful in checking pupil reflex.

- Halogen HPX™ lamp that provides 30% more light output, for true tissue color and consistent, long-lasting illumination
- Fiber optic light transmission for cool distal light
- Fully sterilizable with steam, water, gas or solutions
- Optional cobalt blue filter

41100

#### ORDERING INFORMATION

- 41100 **Finnoff Ocular Transilluminator**
- 41101 **Same as 41100 with cobalt blue filter**
- 41102 **Cobalt blue filter only**
- 43300 **Curved all-purpose transilluminator**
- 03100-U **Halogen replacement lamp for 41100 and 43300**

### STRABISMOSCOPE UNIDIRECTIONAL OCCLUDER

Our StrabismoScope makes diagnosing strabismus easier than ever. Ideal for visualizing dissociated vertical deviation.

- Simplifies the cover test—you can see what the covered eye is doing
- Compatible—fits all Welch Allyn 3.5v power sources
- Durable—rugged ABS housings resist damage from drops

12400

#### ORDERING INFORMATION

- 12400 **3.5v Halogen StrabismoScope**
- 03000-U **3.5v Halogen replacement lamp for 12400**
- 12451 (12455\* export) **3.5v Halogen StrabismoScope set includes: 12400 3.5v Halogen StrabismoScope, 71000-A 3.5v rechargeable handle, 05232 Soft Case**

### HALOGEN PROFESSIONAL PENLITE

A convenient pocket light designed to fit your hand perfectly. Features bright, white halogen illumination for accurate tissue color rendition. Brass with black matte finish.

#### ORDERING INFORMATION

- 76600 **Halogen Professional PenLite**
- 07600-U **Halogen replacement lamp for 76600**

76600

\*Available for export.

# Wall Diagnostic System

The Wall Diagnostic System is designed to put everything you need for fast, accurate diagnoses at arm's length—and in one convenient modular package. The wall transformer holds two Welch Allyn handles, and features OptiSense™—a reliable optical sensor that automatically turns handles on when they're removed from the cradle and off when they are replaced. Best of all, you can add any Welch Allyn 3.5v instrument to your system by simply attaching the optional third handle module.

HALOGEN HPX™ LAMP:  
Featured in ophthalmoscope  
and retinoscope.

OPTIONAL THIRD HANDLE MODULE:  
Makes expansion a snap. Use any 3.5v Welch Allyn  
instrument including: Finnoff Transilluminator,  
StrabismoScope™ Unidirectional Occluder, or  
PanOptic™ Ophthalmoscope.

AN OPTIONAL DIGITAL  
CLOCK AND PULSE TIMER:  
Is available on models  
76720 and 76725.

OPTISENSE OPTICAL SENSOR:  
Automatically turns handles  
on and off.

HANDLE-BASED RHEOSTATS:  
Make it easy to adjust  
light intensity.

ADVANCED COILED CORDS:  
Are capable of stretching  
up to 12 feet.

## WALL DIAGNOSTIC SYSTEM

- Halogen HPX lamp provides 30% more light output, for true tissue color and consistent, long-lasting illumination.
- Handle-based rheostats allow for quick light-intensity adjustments.
- Comfortable, contoured handles are easy to hold and maneuver.
- Modular coiled cords are guaranteed for 10 years.
- High-impact ABS housing is durable and easy to clean.
- Improved cradle design featuring OptiSense.

## ORDERING INFORMATION

76720 (76725\* export) **3.5v Wall Transformer with clock (heads sold separately)**

76710 (76715\* export) **3.5v Wall Transformer without clock (heads sold separately)**

76730 **Third Handle Module**

\*Available for export. Please specify country and voltage. Export ordering example:  
#76725 - Italy - 220v

## Spot Vital Signs®

- Saves time and increases efficiency with all results in 30 seconds
- Easy-to-use design allows one-button operation
- Portable, hospital-grade equipment that you can take wherever you need it most
- The first multiparameter device with an affordable price

**Standard features include: NIBP, Pulse Rate, and MAP**

**Optional features include: Temperature, Nellcor® Pulse Oximetry, and Printer**

4200B-E1 **Spot with NIBP**

420TB-E1 **Spot with NIBP and Temperature**

42NOB-E1 **Spot with NIBP, Nellcor Pulse Oximeter**

42NTB-E1 **Spot with NIBP, Nellcor Pulse Oximeter, Temperature**

4200-60 **Mobile Stand**

05031-101 **Probe Covers (box of 1,000)**

## Vital Signs Monitor\* 300 Series

- Supports adult, pediatric and neonatal patients
- Simple to use—new LCD display facilitates menu navigation
- Includes automatic blood pressure mode, programmable alarms, built-in memory capability, and intuitive icons
- Standard noninvasive blood pressure (NIBP), Pulse Rate, and MAP
- Optional—SureTemp® Plus Thermometry, motion-tolerant Nellcor® pulse oximetry and integrated thermal printer

53NTP-E1 **Vital Signs Monitor complete with NIBP, Nellcor SpO<sub>2</sub>, SureTemp Plus Thermometry and Printer**

53000-E1 **Vital Signs Monitor with NIBP (includes Pulse Rate and MAP)**

530T0-E1 **Vital Signs Monitor with NIBP and SureTemp Plus Thermometry**

53N00-E1 **Vital Signs Monitor with NIBP and Nellcor SpO<sub>2</sub>**

53NT0-E1 **Vital Signs Monitor with NIBP and Nellcor SpO<sub>2</sub>, and SureTemp Plus Thermometry**

008-0835-01 **Mobile Stand**

05031-101 **Probe Covers (box of 1,000)**

## Surgery and Recovery Equipment *continued*

### Welch Allyn Atlas™ Monitor\*

- **An affordably priced monitor that is perfect for surgery environments**
- **Multi-colored LED digits allow for easy differentiation of vital parameters**
- **Bright, crisp waveforms with across-the-room visibility**
- **Push-button operation makes Atlas simple to learn and use**
- **Lightweight and portable with integrated handles and optional battery**

**Standard features include: ECG, SpO<sub>2</sub>, NIBP**

**Optional features include: Temperature, Respiration, Battery, RS232, and Printer**

622NP-E1 **Atlas with ECG, Nellcor® SpO<sub>2</sub>, NIBP, Temperature, Respiration, Battery, RS232, Printer**

621NP-E1 **Atlas with ECG, Nellcor SpO<sub>2</sub>, NIBP, Printer**

6200-30 **Mobile Stand**

05031-101 **Probe Covers (box of 1,000)**

Call Welch Allyn Customer Service at  
1-800-535-6663 for other configurations.

622NP-E1

### AED 10™

- **Text and voice instructions guide the user through the rescue. Color-coded pads and illustrations ensure proper pad placement**
- **Escalating energy (200j, 300j, 360j), per AHA guidelines. Energy protocol can be changed to meet specific needs**
- **High-performance battery delivers five years of stand-by performance or over 90 discharges at 360 joules**
- **Internal memory stores event data including ECG waveforms, time/date stamps, shock delivery, and system actions**
- **Pediatric energy reducer available**

970302E **AED 10 with Soft Shell Carrying Case**

970302E

\*Available for export. Call Welch Allyn for ordering details.

# Welch Allyn DuraShock™ Sphygmomanometer

The Welch Allyn DuraShock Sphygmomanometer is the first and only gear-free, shock-resistant aneroid with an integrated cuff. It delivers unprecedented durability with prolonged accuracy, making it one of the most important innovations in the field.

DS45-11 DuraShock Sphygmomanometer with durable one-piece cuff, two-tone adult

DURABLE ONE-PIECE CUFF:  
Lasts 100,000 cycles.

LIGHTWEIGHT:  
Half the weight of a traditional sphygmomanometer.

INNOVATIVE RIGHT OR LEFT-ARM CUFF DESIGN:  
Designed to fit the brachial artery of either arm.

DS45-11

ROTATABLE GAUGE:  
Snaps directly into cuff for quick cuff change and rotates 360° for easy viewing.

10-YEAR CALIBRATION WARRANTY

MEETS AAMI SHOCK-RESISTANT STANDARDS FOR ENHANCED DURABILITY

# Welch Allyn OS2-5 Automatic Self Measurement Blood Pressure System

Take accurate blood pressure readings at home with this easy-to-use, automatic device.

- Accurate, easy-to-use automatic or manual blood pressure system
- Simple one-button operation is easy to use
- “Fuzzy Logic” smart inflation system is fast and comfortable for the user
- Large, easy-to-read display shows systolic, diastolic, and pulse measurements simultaneously
- Optional voltage adapter to preserve batteries
- 2-year warranty

7052-34

7052-34 OS2-5 Automatic Self-Measurement Blood Pressure System with Adult Cuff

7052-37 Voltage Adapter

## Tycos® TR-1 Hand Aneroid

**Innovative trigger-release design for easy operation.**

- **Certified accuracy to  $\pm 3$ mm Hg**
- **Trigger deflation valve for smooth, one-finger operation**
- **Latex-free for safety**
- **Durable one-piece cuff or traditional two-piece cuff**
- **Polyester zip case**
- **10-year calibration warranty**

5098-27-CB **With Two-Piece Adult Cuff and Bladder**

5098-27-CB

5098-27 **With Durable One-Piece Adult Cuff**

5098-30 **Print Multi-Cuff Kit with Durable One-Piece Cuff  
(child print, small adult, adult, large adult)**

5098-30-CB **Print Multi-Cuff Kit with Two-Piece Cuff and Bladder  
(child print, adult, large adult)**

## Tycos® Classic Hand Aneroid

**Unsurpassed reliability in a traditional, hand-held design.**

- **Certified accuracy to  $\pm 3$ mm Hg**
- **Latex-free for safety**
- **Jeweled movement for long life**
- **Laser-engraved dial face for accuracy**
- **Durable, one-piece cuff or traditional two-piece cuff**
- **Lifetime calibration warranty**

5098-02 **With Durable One-Piece Adult Cuff**

5098-02-CB **With Two-Piece Adult Cuff and Bladder**

5098-23 **Print Multi-Cuff Kit with Durable One-Piece Cuff  
(child print, small adult, adult, large adult)**

5098-23-CB **Print Multi-Cuff Kit with Two-Piece Cuff and Bladder  
(child print, adult, large adult)**

5098-02

## Professional Stethoscopes

The Welch Allyn Professional Stethoscope is one of the most comfortable and versatile general use stethoscopes manufactured today. Featuring innovative Comfort Sealing eartips and superior acoustics, our lightweight Professional model leads the way in comfort and convenience.

### 5079-135 Professional Adult Double-Head Stethoscopes

ADJUSTABLE BINAURALS:  
Ensure a comfortable fit.

LIGHTWEIGHT, FLEXIBLE  
28" PVC TUBING:  
Makes it easy to fit  
inside pocket or carry  
around your neck.





5-YEAR WARRANTY

COMFORT SEALING EARTIPS:  
The shape of your ear canal  
ensures a soft yet airtight fit.



STAINLESS STEEL CHESTPIECE:  
Double-head (well and flat  
diaphragm) chestpiece with  
non-chill rim allows for accurate  
auscultation of heart, lung, and  
blood pressure sounds.

## ORDERING INFORMATION

### PROFESSIONAL DOUBLE-HEAD STETHOSCOPES

5079-135	<b>Black</b>	
5079-137	<b>Navy</b>	
5079-139	<b>Burgundy</b>	
5079-285	<b>Forest Green</b>	

### LIGHTWEIGHT DOUBLE-HEAD STETHOSCOPES

5079-73	<b>Velvet Black</b>	
5079-76	<b>Misty Blue</b>	
5079-74	<b>Poppy Red</b>	
5079-75	<b>Sherwood Green</b>	

## Lightweight Stethoscopes

These lightweight, high-quality stethoscopes are perfect for blood pressure measurements and general auscultation. Featuring flexible single-channel tubing, they ensure extreme comfort even when used over extended periods.

ADJUSTABLE CHROME-  
PLATED BINAURALS:  
Ensure a comfortable fit.

2-YEAR WARRANTY

LIGHTWEIGHT AND  
COMFORTABLE:  
Flexible single-channel tubing  
makes it comfortable to use  
over extended periods.









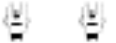






31" OVERALL LENGTH

LIGHTWEIGHT CHESTPIECE:  
Ideal for general procedures.

# Replacement Lamps

LAMP NUMBER	REPLACEMENT LAMP ACTUAL SIZE	CURRENT INSTRUMENTS	OBSOLETE INSTRUMENTS
00200-U		Transilluminators 41000 	
00900-U			Ophthalmoscopes 10600 121 110 Retinoscopes 17600 17610  
01200-U		Binocular Indirect Ophthalmoscopes 125 Series 	
01300-U			PenLites 76000 77700 
01400-U			PenLite 77800 
01800-U			Retinoscopes 17200 
02300-U			Ophthalmoscopes 12900 
03000-U		Ophthalmoscopes 11710  StrabismoScope™ 12400 	Ophthalmoscopes 11600 11605 11610 Retinoscopes 18000  
03100-U		Illuminators 41100  Transilluminators 43300 	
03400-U		Transilluminators 41110 	
03700-U			Retinoscopes 18100 

## Replacement Lamps *continued*

LAMP NUMBER	REPLACEMENT LAMP ACTUAL SIZE	CURRENT INSTRUMENTS	OBSOLETE INSTRUMENTS
03800-U		PanOptic Ophthalmoscopes  11810 11820	
03900-U		Ophthalmoscopes  13010	Ophthalmoscopes  12810 11110
04400-U		Ophthalmoscopes  11470/11475	Ophthalmoscopes  11400 11411
04500-U			Retinoscopes  18010
04600-U			Retinoscopes  17710
04900-U		Ophthalmoscopes  11720 11730	Ophthalmoscopes  11620 11630
07200-U		Retinoscopes  17200	
07600-U		PenLite  76600	
08200-U		Streak Retinoscopes  18200 18245	Streak Retinoscopes  18235
08300-U		Spot Retinoscopes  18300	
08400-U		Retinoscopes  93300	



## Welch Allyn Stands Behind Its Products

All Welch Allyn ophthalmic instruments are guaranteed by Welch Allyn against manufacturing defects. Welch Allyn will repair or replace, free of charge, any parts of its own manufacture proven to be defective through causes other than misuse, neglect, damage in shipment, or normal wear.

### WELCH ALLYN LAMP POLICY

Welch Allyn instruments are completely engineered from the source of illumination to the instrument's usage. Lamp manufacture is a very critical part of this system; therefore, it is recommended that you use only genuine Welch Allyn lamps.

### WELCH ALLYN BATTERY POLICY

Welch Allyn Ni-Cad batteries will be replaced at a price that is reduced pro rata based on premature failure should they fail before the date printed on the battery (when used in Welch Allyn handles only). This date represents two years after the manufacture of the battery.

## Welch Allyn Inc. Locations & Phone Numbers

### Welch Allyn Medical Products Headquarters

4341 State Street Road  
P.O. Box 220  
Skaneateles Falls, NY 13153-0220  
U.S.A.  
Telephone: 1 315 685 4560  
1 800 535 6663 for use in USA only  
Fax: 1 315 685 2174

### Welch Allyn San Diego

7420 Carroll Road  
San Diego, CA 92121-2334  
U.S.A.  
Telephone: 1 858 621 6600  
1 800 535 6663 for use in USA only  
Fax: 1 858 621 6610

### Welch Allyn Monitoring

8500 SW Creekside Place  
Beaverton, OR 97008-7107  
U.S.A.  
Telephone: 1 800 289 2500 or 1 503 530 7500  
Fax: 1 503 526 4919

### Welch Allyn Canada Ltd.

160 Matheson Blvd. East, Unit #2  
Mississauga, Ontario L4Z 1V4  
Canada  
Telephone: 1 905 890 0004 or 1 800 561 8797  
Fax: 1 905 890 0008

### Welch Allyn Australia Pty, Ltd.

Unit 5, 38-46 South Street  
Rydalmere NSW 2116  
Australia  
Telephone: 02 9638 3000  
Fax: 02 9638 3500

### Welch Allyn Japan K.K.

6F Kinseisha Bldg.  
3-15 Kanda-nishikicho  
Chiyoda-ku, Tokyo 101-0054  
Japan  
Telephone: 3 3219 0071  
Fax: 3 3219 0074

### Welch Allyn China

Unit 1011 Central Plaza  
No. 227 HuangPi North Rd.  
Shanghai, China 200003  
Telephone: 21 6327 9631  
Fax: 21 6327 9632

### Welch Allyn Singapore

10 Hoe Chiang Road  
#19-03/04  
Keppel Towers  
Singapore 089315  
Telephone: 6419 8100  
Fax: 6291 5780

### Welch Allyn Pty Ltd S. Africa

394 Surrey Ave.  
Ferndale  
Randburg 2194  
South Africa  
Telephone: 0 11 777 7509  
Fax: 0 11 777 7501

### EUROPEAN CUSTOMER SERVICE

#### Navan Business Park

Dublin Road  
Navan, County Meath  
Ireland  
Europe Telephone: + 353 46 906 7790  
Europe Fax: + 353 46 906 7754  
UK Telephone: 0 207 365 6780  
UK Fax: 0 207 365 9694

#### Welch Allyn France Sales Office

814 Rue Charles de Gaulle  
Mareuil Les Meaux  
France 77100  
Telephone: 0 1 6009 3366  
Fax: 0 1 6009 6797

#### Welch Allyn GmbH & Co KG

Postfach 31  
Zollerstrasse 2-4  
72417 Jungingen  
Germany  
Telephone: 0 7477 92710  
Fax: 0 7477 927190

#### Welch Allyn Italia srl Sales Office

Via Napo Torriani, 29  
20124 Milan  
Italy  
Telephone: 0 02 6699 291  
Fax: 0 02 6671 3599

#### Welch Allyn, Inc. Iberia Sales Office

Leopoldo Alas Clarin 8  
Local 7  
28035 Madrid  
Spain  
Telephone: 0 91 386 3047  
Fax: 0 91 386 1029

#### Welch Allyn U.K.

Sales & Marketing Office  
Cublington Road  
Aston Abbotts  
Buckinghamshire HP22 4ND  
England  
Telephone: 0 207 365 6780  
Fax: 0 207 365 9694



4341 State Street Road, P.O. Box 220, Skaneateles Falls, NY 13153-0220 USA  
(p) 1 800 535 6663 (f) 1 315 685 2174 [www.welchallyn.com](http://www.welchallyn.com)

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