

# PRODUCT CATALOGUE

EVERYTHING YOU NEED AT THE POINT OF CARE



# EVOTEC MEDICAL SUPPLIES

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**WelchAllyn®**

# SOLUTIONS FOR PRIMARY CARE AND CLINICS

Your office wants a partner to help you:

- Perform more comprehensive physical exams—faster
- Better diagnose and manage chronic conditions
- Improve financial outcomes



At Hill-Rom, we're passionate about helping health systems, hospitals, physician offices and post-acute care facilities address the most pressing challenges they face every day.

Our innovations in five core areas—Advancing Mobility, Wound Care and Prevention, Patient Monitoring and Diagnostics, Surgical Safety and Efficiency, and Respiratory Health—improve clinical and economic outcomes and ensure caregivers in more than 100 countries have the products they need to protect their patients, speed up recoveries and manage conditions.

*Every day, around the world,  
we enhance outcomes for patients and their caregivers*

**WelchAllyn**<sup>®</sup>

**Hill-Rom**<sup>®</sup>



## SOLUTIONS FOR HOSPITALS

Your hospital wants a partner to help you:

- Empower your clinicians
- Detect patient deterioration faster
- Improve financial outcomes



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Delivering simple and affordable solutions to help eradicate the leading causes of preventable blindness.



## Vision Screener

VISION CARE

### Spot™ Vision Screener

A handheld, portable device designed to help users quickly and accurately detect vision issues on patients from 6 months of age through to adult.

- > Easy to use, easy to implement with minimal user training required
- > Screens both eyes at once from a nonthreatening 1-meter distance
- > Touchscreen display allows for one-touch activation and simple operation
- > Adequately powered for mass screening events
- > Captures readings 97% of the time, helping to screen otherwise difficult patients
- > Uses lights and sounds to help engage children
- > Automated screening provides thorough, objective and easy-to-understand results
- > Wireless printing and WiFi®-enabled for easy export of data
- > Results can be sent directly to EMR
- > Import and export of data and settings via USB port



**VS100S-2** Spot Vision Screener, EU power supply and cord, wrist strap and carry case  
**106144** Spot Vision Screener Carry Case

### Spot accurately detects the potential indication of these common vision problems:

#### Refractive errors

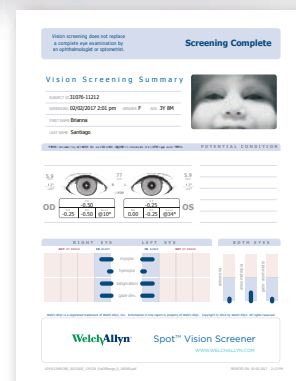
- Myopia (near-sightedness)
- Hyperopia (far-sightedness)
- Astigmatism (blurred vision)

#### Amblyopic precursors

- Anisometropia (unequal refractive power)
- Strabismus (eye misalignment)

#### Pupil abnormalities

- Anisocoria (pupil size deviations)



Customized patient report



Printed label report



Spot Vision Screener Microsite



## Revolutionizing Vision Screening in Children

Spot Vision Screener demonstrated better vision screening completion rates for 3-year-olds compared to chart-based screenings. 87% of 3-year-olds completed with Spot vs. 40% with an eye chart.

Source: Boston PPOC Study, 2015





Breakthrough medical diagnostic tools to help clinicians effectively perform physical exams and early detect first symptoms of patient complications.



## Ophthalmoscopes

PHYSICAL EXAM

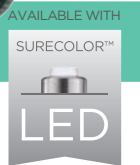
### PanOptic™ Ophthalmoscope

The revolutionary PanOptic provides easy entry into the eye, together with a wider field-of-view to more easily observe signs and symptoms of hypertension, diabetic retinopathy and papilledema.

- > Patented Axial PointSource™ Optics
- > 25X larger viewing area of the fundus vs. standard ophthalmoscope in an undilated eye
- > 25° field-of-view vs. the standard 5° field of view
- > Variable focus from -20 to +20 diopters
- > Available with SureColor™ LED lamp (more information on page 11) or Halogen HPX® (high-pressure xenon) lamp
- > Fast, easy entry into undilated pupils
- > Greater working distance to improve comfort for both practitioner and patient
- > Rapid capture of fundus images on your iPhone® with the Welch Allyn iExaminer®



11820-CE



### Apertures and Filters:



Micro Spot Aperture



Small Aperture



Large Aperture



Slit Aperture



Half Moon Aperture  
(11810 models)



Red-Free Filter



Cobalt Blue Filter  
(11820 models)

- 11810-CE** PanOptic Ophthalmoscope (head only)
- 11820-CE** PanOptic Ophthalmoscope w/ cobalt blue filter and corneal lens (head only)
- 11820-L** PanOptic Ophthalmoscope LED w/ cobalt blue filter and corneal lens (head only)
- 11840-A6** iExaminer Adapter iPhone 6 and 6S\*
- 11840-A6P** iExaminer Adapter iPhone 6 Plus\*

\* iExaminer App available at Apple Store\*. Mobile phone not included.



PanOptic with Lithium Ion Handle

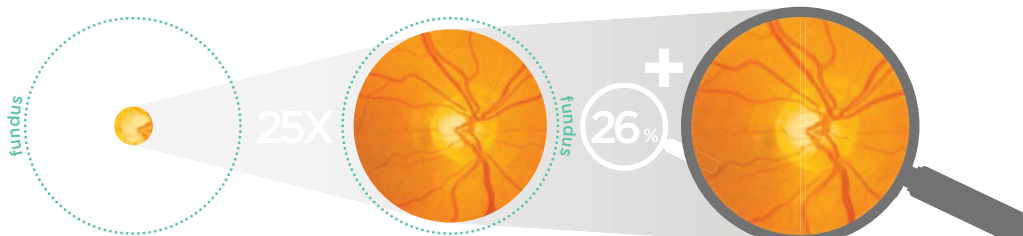


PanOptic with Lithium Ion Handle, iExaminer and iPhone

Axial PointSource™ optics support fast and easy entry into small, undilated pupils. **25X larger viewing area** and **26% greater magnification** than traditional ophthalmoscopes

Standard Ophthalmoscope

PanOptic Ophthalmoscope



# Ophthalmoscopes and Retinoscope

PHYSICAL EXAM

## Prestige™ Coaxial-Plus Ophthalmoscope

Patented Coaxial-Plus optics enable easy entry into undilated pupils to facilitate diagnoses, while two filter selections provide optimum light levels for entering healthy eyes and those with cataracts.

- > Enables easy entry into undilated pupils through precise lamp filament and optical alignment
- > 18 unique aperture/filter combinations for greater versatility
- > 68 lenses provide extensive range of focus for optimum resolution (+38 to -30)
- > Available with Halogen HPX (high-pressure xenon) lamp
- > Optional SureColor LED lamp (more information on page 11) available

**11735** Prestige Coaxial-Plus Ophthalmoscope with Halogen HPX lamp (head only)  
**04900-LED** SureColor LED lamp for ophthalmoscopes ref. 11720, 11730 and 11735



## 3.5 V Coaxial Ophthalmoscope

The patented Welch Allyn Coaxial Vision System facilitates ophthalmoscopy by enabling easier entry into the eye, a larger field of view and reduced glare compared to standard ophthalmoscopes.

- > Coaxial optics produce a shadow-free spot, easier entry into undilated pupils and a larger field of view versus standard ophthalmoscopes
- > 18 unique aperture/filter combinations for greater versatility
- > 28 focusing lenses with a range of -25 to +40 diopters
- > Available with SureColor LED lamp (more information on page 11) or Halogen HPX (high-pressure xenon) lamp

**11720** 3.5 V Coaxial Ophthalmoscope with Halogen HPX lamp (head only)  
**11720-L** 3.5 V Coaxial Ophthalmoscope with SureColor LED lamp (head only)

## Elite® Retinoscope

Makes refractions easier than ever by producing one of the brightest, sharpest and cleanest streaks available.

- > 2.8X the brightness and superior streak quality versus standard retinoscopes
- > Same head can be used with streak or spot lamp
- > Superior streak quality enables easier and quicker refractions—even in patients with small pupils
- > The crossed linear polarizing filter eliminates bothersome glare from trial lenses, helping you to perform a more precise exam
- > The external focusing sleeve improves comfort and maneuverability
- > The sealed optics keep the lenses cleaner for more effective exams
- > Fits all Welch Allyn 3.5 V power sources

**18245** Elite Retinoscope head with streak lamp  
**18300** Elite Retinoscope head with spot lamp  
**18250** Fixation Card Set for Retinoscopes (Qty. 4)



Optional fixation cards

## MacroView™ Otoscope

Enhance your diagnostic capability with technology that delivers a bigger, better and sharper view of the tympanic membrane.

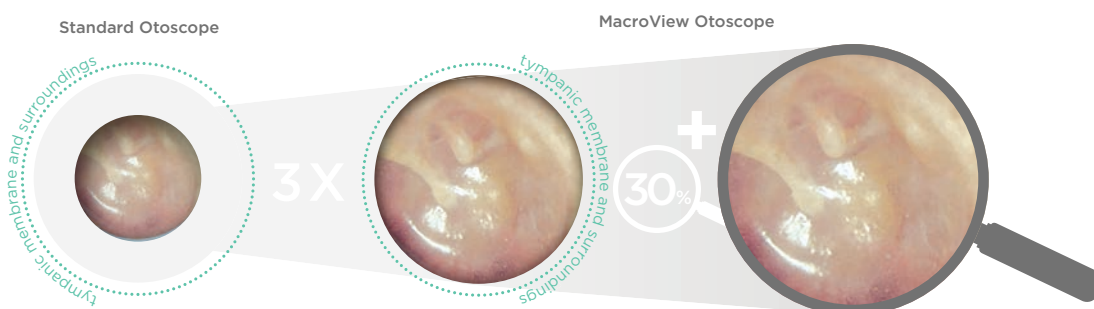
- > Almost three times larger viewing area of tympanic membrane and surrounding tissues vs. standard otoscopes
- > Adjustable focus (from 4 to 140 mm) wheel helps accommodate for variable ear canal lengths and allows zooming in or out to fine tune view and to offer more comfortable examination—particularly for physicians with farsighted eyes
- > Insufflation port for pneumatic otoscopy
- > Tip grip for secure fastening and ejection of ear specula
- > Available with SureColor LED lamp (more information on page 11) or Halogen HPX (high-pressure xenon) lamp



- 23820** MacroView Otoscope with throat illuminator (head only)
- 23820-L** MacroView Otoscope LED with throat illuminator (head only)
- 23810** MacroView Otoscope (head only)
- 23810-L** MacroView Otoscope LED (head only)
- 23804** Insufflation bulb and tube for MacroView Oscopes

## A bigger, better, sharper view

Approximately **3X larger viewing area** and **30% greater magnification** than traditional otoscopes



## Digital MacroView™ Otoscope

See it. Share it. Save it. Offering you clear, live and still images of the ear canal and tympanic membrane.

- > Almost three times larger viewing area of tympanic membrane and surrounding tissues vs. standard otoscopes
- > Adjustable focus (from 4 to 140 mm) wheel helps accommodate for variable ear canal lengths and allows zooming in or out to fine tune view and to offer more comfortable examination—particularly for physicians with farsighted eyes
- > Insufflation port for pneumatic otoscopy
- > Allows you to store digital images in patient records for enhanced documentation of exam findings
- > Requires no additional purchase of software
- > Gives you an excellent training aid for educational purposes
- > Available with Halogen HPX (high-pressure xenon) lamp
- > Optional SureColor LED lamp (more information on page 11) available



- 23920** Digital MacroView Otoscope head, 3 m USB cable, set of four reusable ear specula and software
- 06500-LED** SureColor LED lamp for MacroView Oscope



# Otoscopes

PHYSICAL EXAM

## 3.5 V Diagnostic Otoscope

The Diagnostic Otoscope provides illumination that is 30% whiter and more intense, to provide better and faster viewing.

- > Fiber optics project cool light to the distal tip with no reflections or obstructions for superlative views of the tympanic membrane
- > Wide-angle viewing lens allows for instrumentation under magnification
- > Sealed system for pneumatic otoscopy and diagnosis of otitis media
- > Available with SureColor LED lamp (more information on page 11) or Halogen HPX (high-pressure xenon) lamp

- 20000** 3.5 V Diagnostic Otoscope with throat illuminator (head only)
- 20000-L** 3.5 V Diagnostic Otoscope LED with throat illuminator (head only)
- 25020** 3.5 V Diagnostic Otoscope (head only)
- 25020-L** 3.5 V Diagnostic Otoscope LED (head only)
- 21504** Insufflation bulb and tube for diagnostic otoscopes



## Ear Specula for MacroView and Diagnostic Otoscopes

- 52432-UB** KleenSpec 2.75 mm Disposable Ear Specula (Qty. 850)
- 52432-U** KleenSpec 2.75 mm Disposable Ear Specula (Qty. 8,500)
- 52434-UB** KleenSpec 4.25 mm Disposable Ear Specula (Qty. 850)
- 52434-U** KleenSpec 4.25 mm Disposable Ear Specula (Qty. 8,500)
- 24320-B** SofSeal Specula Tip for Disposable Ear Specula, small (Qty. 80)
- 24330-B** SofSeal Specula Tip for Disposable Ear Specula, medium (Qty. 80)
- 52700** 4.00 mm KleenSpec Slotted Disposable Specula Instrumentation tip (Qty. 192)
- 24400-U** Set of four reusable Ear Specula; 2.5, 3, 4 and 5 mm

## Pneumatic Otoscope

Provides bright, white light output and a rotating lens with ultraseal for pneumatic otoscopy.

- > Consistent, long-lasting illumination
- > Rotating lens with ultraseal enables easy pneumatic otoscopy
- > Fiber-optic illumination produces cool light
- > Available with Halogen HPX (high-pressure xenon) lamp
- > Optional SureColor LED lamp (more information on page 11) available

- 20200** 3.5 V Pneumatic Otoscope head with four reusable specula
- 21501** Insufflation bulb and tube for Pneumatic Otoscope



## Operating Otoscope

Open system with rotatable lens and optional speculum for convenient procedures, plus bright light output.

- > Rotatable lens and speculum for ease of use
- > Open system makes use during procedures more convenient
- > Fiber-optic illumination produces cool light
- > Available with Halogen HPX (high-pressure xenon) lamp
- > Optional SureColor LED lamp (more information on page 11) available

- 21700** 3.5 V Operating Otoscope with five Reusable Specula

## Universal Charger and Desk Sets

Compact, portable unit provides convenient drop-in recharging of desk/wall-charger instrument handles.

- > Colored LEDs indicate power to the unit and that handles are charging
- > Advanced circuitry for automatic safe charging and optimum lamp performance and life
- > Optional wall mount kit for permanently mounting to wall or cabinet
- > Optional specula tray conveniently stores swabs, otoscope specula and currettes
- > Accepts 3.5 V or 2.5 V rechargeable NiCad handles and Lithium Ion handles

- 71142 (EU), 71144 (UK) Universal Desk Charger
- 71732 (EU), 71734 (UK) Universal Desk Charger with 2 Lithium Ion handles
- 71712 (EU), 71714 (UK) Universal Desk Charger with 2 NiCad handles
- 71420 Wall Mount Kit for Universal Charger



71020-B

## 3.5 V Nickel-Cadmium Handles

A choice of convenient rechargeable power sources that fit all our 3.5 V instrument heads.

- > Smooth, nonabrasive knurled finish ensures a nonslip grip
- > Recharges in the Universal Charger and with direct transformer
- > Can also be converted for use with standard C-cell batteries

- 71062-C (EU), 71064-C (UK) Rechargeable Convertible 3.5 V NiCad handle complete with charging transformer and converter
- 71020-B 3.5 V C-Cell handle
- 71670 Rechargeable 3.5 V NiCad handle for Desk/Wall-chargers (handle only)



71062-C

## 3.5 V Lithium Ion Handles

Twice the on-time and half the weight, to fit more comfortably in your hand.

- > Half the weight of traditional 3.5 V handles
- > Fits all Welch Allyn 3.5 V instrument heads
- > 120 minutes of on-time (compared to 60 minutes for standard NiCad handles)
- > Made of sturdy CYCOLOY® engineering resin
- > Lithium ion battery technology that has no "memory" effect

- 71900-USB 3.5 V Lithium Ion handle with USB Charging Module and Cord
- 71902 (EU), 71904 (UK) 3.5 V Lithium Ion handle with AC Charging Stand and Transformer
- 71910 3.5 V Lithium Ion handle (handle only)



71904



71900-USB



71910

# Diagnostic Sets

PHYSICAL EXAM

## 3.5 V Diagnostic Sets

Convenient Diagnostic Sets preconfigured with everything you need.

- > Several head options for our ophthalmoscopes and otoscopes
- > Complete powered handles with chargers
- > Welch Allyn cases that protect your equipment



97202-MVS

### 3.5 V Preconfigured Diagnostic Sets

Name	EU Part#	Ophthalmoscope	Otoscope	Handle	Case
Professional Plus Diagnostic Set <b>LED</b>	<b>97250-BIL</b>	Coaxial LED, 11720-L	Diagnostic LED, 25020-L	C-cell, 71020-B	Rigid
Elite™ Diagnostic Set <b>LED</b>	<b>97200-BIL</b>	Coaxial LED, 11720-L	Diagnostic LED w/ throat illum., 20000-L	C-cell, 71020-B	Rigid
Prestige™ Diagnostic Set <b>LED</b>	<b>97202-MVSL</b>	Coaxial LED, 11720-L	MacroView LED w/ throat illum., 23820-L	Lithium Ion rechargeable, 71902	Rigid
Prestige Diagnostic Set with C-cell handle <b>LED</b>	<b>97250-MBIL</b>	Coaxial LED, 11720-L	MacroView LED, 23810-L	C-cell, 71020-B	Rigid
Prestige PanOptic Lithium Ion Diagnostic Set	<b>97202-MVPS</b>	PanOptic, 11820-CE	MacroView w/ throat illum., 23820	Lithium Ion rechargeable, 71902	Rigid
Prestige Diagnostic Set	<b>97202-MVS</b>	Coaxial, 11720	MacroView w/ throat illum., 23820	Lithium Ion rechargeable, 71902	Rigid
Prestige Diagnostic Set with C-cell handle	<b>97200-MBI</b>	Coaxial, 11720	MacroView w/ throat illum., 23820	C-cell, 71020-B	Rigid
Prestige Diagnostic Set with C-cell handle (no throat illum.)	<b>97250-MBI</b>	Coaxial, 11720	MacroView, 23810	C-cell, 71020-B	Rigid
Hospital Elite Diagnostic Set	<b>97202-VSM</b>	Coaxial, 11720	Diagnostic w/ throat illum., 20000	Lithium Ion rechargeable, 71902	Rigid
Hospital Classic Diagnostic Set	<b>97202-VC</b>	Coaxial, 11720	Diagnostic w/ throat illum., 20000	NiCad rechargeable/conv. 71064-C	Rigid
Elite Diagnostic Set	<b>97200-BI</b>	Coaxial, 11720	Diagnostic w/ throat illum., 20000	C-cell, 71020-B	Rigid
Professional Plus Diagnostic Set	<b>97250-BI</b>	Coaxial, 11720	Diagnostic, 25020	C-cell, 71020-B	Rigid
Professional Diagnostic Set	<b>97150-BI</b>	Standard, 11710	Diagnostic, 25020	C-cell, 71020-B	Rigid

## Pocket LED and Pocket Plus LED Oscopes, Ophthalmoscopes and Sets

Maximized performance and durability in a compact set that travels easily with you from one patient to the next.

- > Examine your patients in style with high-performance diagnostic tools
- > Available in two versions: Pocket LED and Pocket Plus LED with enhanced features
- > Protect and customize them with handle bumpers and otoscope window bumpers to mix and match your look
- > Lightest-weight Welch Allyn Ophthalmoscope and Otoscope for portability and ease of use
- > The most durable, pocket-style otoscope on the market today, based on rigorous drop test versus leading competitors
- > The fiber optics on Pocket LED Oscopes provide cool light with no reflections or obstructions
- > Pocket Plus LED Oscopes come with up to 6 lumens for 2X the light intensity and a 5-year warranty
- > Pocket LED Ophthalmoscopes featuring Welch Allyn SureColor LED lamp technology, designed to provide the exact light you need for fundoscopic examination
- > One of the most durable, pocket-style ophthalmoscopes on the market; designed to be a reliable tool for your practice
- > Pocket Plus LED Ophthalmoscopes come with neutral density light filter switch, to help virtually eliminate corneal glare, soft rubber brow rest, for enhanced comfort during an exam, and a 5-year warranty

- 92871-BLK Pocket LED Set/Onyx with Soft Case
  - 92871-WHT Pocket LED Set/Vanilla with Soft Case
  - 92871-PUR Pocket LED Set/Plum with Soft Case
  - 92871-BLU Pocket LED Set/Blueberry with Soft Case
  - 92880-BLK Pocket Plus LED Set/Onyx with Hard Case
  - 92880-WHT Pocket Plus LED Set/Vanilla with Hard Case
  - 92880-PUR Pocket Plus LED Set/Plum with Hard Case
  - 92880-BLU Pocket Plus LED Set/Blueberry with Hard Case
- Sets of otoscope only and ophthalmoscope only also available.



92871-BLU



92880-PUR





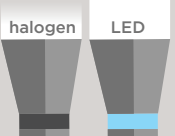
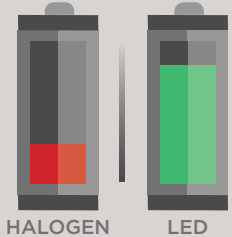
## Welch Allyn SureColor LED Lamps














Patented technology designed with clinical applications in mind with the familiarity of halogen and the performance benefits of LEDs.

- > Long life backed by a 7-year warranty ensuring peace of mind
- > SureColor LED technology enables reduction of intensity to alleviate glare for enhanced patient comfort while preserving the color and clarity of the view
- > High-energy efficiency resulting in 3X the examination time with each charge of a Welch Allyn rechargeable handle
- > A simple solution presented in four lamp upgrade kits
- > Our most popular physical assessment heads are fully compatible with SureColor LED lamps and Halogen HPX lamps, so you can upgrade anytime



- 03100-LED** SureColor LED Lamp Upgrade Kit for Traditional Welch Allyn Diagnostic Oscopes
- 03100-LED10** SureColor LED Lamp Upgrade Kit for Traditional Welch Allyn Diagnostic Oscopes (Qty. 10)
- 03800-LED** SureColor LED Lamp Upgrade Kit for Welch Allyn PanOptic Ophthalmoscopes
- 03800-LED10** SureColor LED Lamp Upgrade Kit for Welch Allyn PanOptic Ophthalmoscopes (Qty. 10)
- 04900-LED** SureColor LED Lamp Upgrade Kit for Welch Allyn Coaxial Ophthalmoscopes
- 04900-LED10** SureColor LED Lamp Upgrade Kit for Welch Allyn Coaxial Ophthalmoscopes (Qty. 10)
- 06500-LED** SureColor LED Lamp Upgrade Kit for MacroView Oscopes
- 06500-LED10** SureColor LED Lamp Upgrade Kit for MacroView Oscopes (Qty. 10)

<h3>THE FAMILIARITY OF HALOGEN</h3> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SureColor LED</p>  <p>&gt; Optimized color temperature, similar to Halogen</p> </div> <div style="text-align: center;"> <p>Most competitors' LED</p>  <p>&gt; Light too bright or too white that can wash out critical details</p> </div> </div>		<h3>30x LONGER LIFE</h3> <ul style="list-style-type: none"> <li>&gt; Tested to 30X halogen lamps</li> <li>&gt; 7-year warranty</li> </ul> 	<h3>ENERGY EFFICIENCY</h3> <ul style="list-style-type: none"> <li>&gt; 3X the on-time vs. halogen with Welch Allyn 3.5 V rechargeable handles</li> <li>&gt; Lower operating temperature intended for greater patient/clinician comfort</li> </ul> 
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SURECOLOR LED LAMP	ASSOCIATED PRODUCTS					
Same heads work with both SureColor LED lamps and Halogen HPX lamps						
 <b>03100-LED/03100-LED10</b>	 Diagnostic Oscopes 20000, 20200, 21700 and 25020	 Pneumatic Oscopes	 Operating Oscopes	 3,5 V Transilluminators	 3,5 V Nasal Illuminator	 3,5 V Tongue Blade Holder
 <b>03800-LED/03800-LED10</b>	 PanOptic Ophthalmoscopes					
 <b>04900-LED/04900-LED10</b>	 Coaxial Ophthalmoscopes (11720, 11730 and 11735)					
 <b>06500-LED/06500-LED10</b>	 MacroView Oscopes	 Digital MacroView Oscope	 3,5 V Nasal Illuminator			

# Lamps and Batteries












PHYSICAL EXAM

## Welch Allyn Halogen Lamps

Welch Allyn instruments are engineered to optimize performance, including the design of the illumination source. Lamp manufacture is a very critical part of this system; therefore, it is recommended that you use only genuine Welch Allyn lamps.

To determine which lamp part number you need, remove the lamp from the diagnostic instrument head and write down the part number, which is usually found on the side or the base of the lamp.

If you do not find the lamp number in the table at the right, contact us or your authorized Welch Allyn distributor.

Lamp P/N	Device P/N	Lamp
00200-U	20100, 21600, 26030, 4100, 38800	
01300-U	28100	
03000-U	11710, 12400, 47300	
03100-U	20000, 20200, 20202, 21700, 25020, 26530, 26538, 27000, 27050, 28100, 41100, 43300, 73500	
03800-U	PanOptic Ophthalmoscopes	
03900-U	2.5 V Pocket Ophthalmoscopes	
04900-U	11720, 11730 & 11735	
06000-U	60813, 60814 & 60815	
06500-U	MacroView Otoscopes	
08200-U	Elite Streak Retinoscope	
08300-U	Elite Spot Retinoscope	

## Welch Allyn Batteries

Welch Allyn instruments are engineered to optimize performance, including the design of the rechargeable battery. It is recommended that you use only genuine Welch Allyn batteries.



72300

for NiCad Handle w/  
Power Transformer



72200

for NiCad Handle w/  
Universal Charger



71960

for Lithium Ion  
Handle

Visit [www.welchallyn.com](http://www.welchallyn.com) for more information about all of our original lamps and batteries.

## 777 Green Series™ Wall Transformer

Energy efficiency, convenient, durable and easy to clean.

- > High-quality handles with automatic on and off
- > Compatible with all Welch Allyn 3.5 V handles
- > Coiled cables that extend up to 4 meters, with a 10-year guarantee
- > Modern, compact, easy-to-clean design
- > The Green Series name promises you energy efficiency

**77712** (EU), **77714** (UK) GS777 Wall Transformer (does not include heads)  
**7670-12** Wall Transformer Roll Stand (without the GS777 Wall Transformer or heads)



777 Green Series Wall Transformer on Roll Stand

## Green Series™ 777 Integrated Wall System

Providing you with accurate, reliable, energy-efficient products you trust in a workflow that is designed to help improve your practice's throughput.

- > Standardize your facility with a sturdy, predrilled mounting board that mounts easily to any wall
- > Choose either PanOptic Ophthalmoscope (11810 or 11820) or the Coaxial Ophthalmoscope (11720)
- > Choose either MacroView Otoscope (23810 or 23820) or Pneumatic Otoscope (20200)
- > Contoured handles that automatically turn on/off to help improve workflow
- > Configure to meet your needs with the choice of the Wall Aneroid, ProBP™ Digital Blood Pressure Device or Connex® monitors
- > Optional KleenSpec® Disposable Diagnostic or Pneumatic Specula Dispenser
- > Optional SureTemp® Plus Electronic Thermometers or Braun ThermoScan® PRO 6000 Ear Thermometer
- > Durable, easy-to-clean, high-impact ABS housing

**77791-2MPXPROBP2** GS 777 Wall Transformer with PanOptic Ophthalmoscope, MacroView Otoscope, KleenSpec Specula Dispenser, Connex ProBP Digital Blood Pressure Device, and SureTemp Plus 690 Thermometer and Wall Board



For a complete list of configuration options, contact your sales representative.



77791-2MPXPROBP2

# Illuminators

PHYSICAL EXAM



## 3.5 V Bivalve Nasal Illuminator

Halogen HPX illumination, fiber-optics and adjustable speculum facilitate easy removal of foreign bodies.

- > Available with Halogen HPX (high-pressure xenon) lamp
- > Optional SureColor LED lamp (more information on page 11) available
- > Fiber-optic light transmission produces cool distal light
- > Autoclavable for complete sterilization

- 26030** 3.5 V Bivalve Nasal Speculum with Illuminator
- 26035** 3.5 V Bivalve Nasal Speculum section only
- 26330** Magnifying Lens
- 06500-LED** SureColor LED Upgrade Kit

## 3.5 V Nasal Illuminator

Halogen HPX illumination and reusable tip for easy nasal examinations.

- > Available with Halogen HPX (high-pressure xenon) lamp
- > Optional SureColor LED lamp (more information on page 11) available
- > Fiber-optics projects cool distal light
- > Simply detach the head to use as a throat illuminator/penlight

- 26530** 3.5 V Nasal Illuminator (head only) with 9 mm speculum
- 26535** 3.5 V Nasal Illuminator (head only)
- 22009** 9 mm Speculum
- 03100-LED** SureColor LED Upgrade Kit



## 3.5 V Finnoff Halogen Fiber-Optic Transilluminators

A general fiber-optic examination light for checking pupil reflexes. Designed to eliminate patient discomfort in the transillumination of frontal and maxillary sinuses.

- > Available with Halogen HPX (high-pressure xenon) lamp
- > Optional SureColor LED lamp (more information on page 11) available
- > The fiber-optic light transmission produces cool distal light

- 41100** 3.5 V Finnoff Ocular Transilluminator
- 41101** 3.5 V Finnoff Ocular Transilluminator with cobalt blue filter
- 43300** 3.5 V Curved All-Purpose Transilluminator
- 03100-LED** SureColor LED Upgrade Kit



## 3.5 V Halogen Tongue Blade Holder

- > Available with Halogen HPX (high-pressure xenon) lamp
- > Optional SureColor LED lamp (more information on page 11) available
- > Fiber-optic diffuser for cool distal light
- > Universal clamp accommodates most tongue blades

- 28100** 3.5 V Tongue Blade Holder (head only)
- 03100-LED** SureColor LED Upgrade Kit



## Professional PenLite

For quick and effective evaluation of the pupillary reflex.

- > Bright, white halogen light
- > Durable solid brass construction

76600 Halogen Professional PenLite

76600



EpiScope with  
Nickel-Cadmium Handle

## 3.5 V EpiScope® Skin Surface Microscope

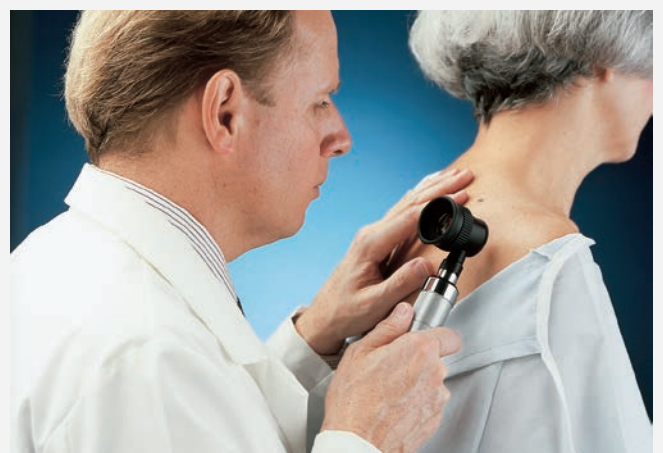
Helps you evaluate pigmented skin lesions such as basal cell carcinoma and malignant melanoma by providing the ability to magnify, illuminate and measure.

- > Provides illumination and 10X magnification for crisp, clear viewing
- > Contact plate is autoclavable to help reduce risk of cross-contamination
- > Fits any 3.5 V Welch Allyn power source for facility standardization
- > Reticle contact plate facilitates measurement and tracking of lesion growth

47300 EpiScope (head only)  
03000-U Replacement halogen lamp

## Help with the early detection of suspicious skin lesions and moles so you can feel confident in an accurate diagnosis

Pigmented skin lesions are often difficult to diagnose by their clinical appearance alone, yet they have potentially dangerous consequences. The Welch Allyn EpiScope Skin Surface Microscope features a 10X magnification optics system that provides greater detail to help you feel confident in an accurate diagnosis.



# Endoscopic Exam

PHYSICAL EXAM



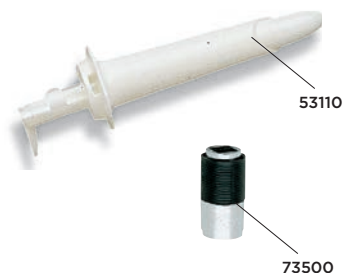
## Welch Allyn KleenSpec® Disposable Sigmoidoscopes

One of our most popular designs, the Welch Allyn Disposable Sigmoidoscope may be used in conjunction with traditional Welch Allyn 3.5 V power handles.

- > Highly visible graduations for greater accuracy and control
- > Glare-free frosted coating to ensure maximum light output at distal tip
- > Water-activated lubricating gel to facilitate easy insertion
- > Individually wrapped for safety and convenience
- > Fiber-optic illumination system provides a cool 360 degree ring of light
- > Hinged window with neoprene seal to avoid fogging during insufflation

- 53130** KleenSpec Disposable Sigmoidoscope with Obturator (25/box, 4 boxes/case)
- 53130-L** Lubricated KleenSpec Disposable Sigmoidoscope with Obturator (25/box, 4 boxes/case)
- 53130-F** KleenSpec Disposable Sigmoidoscope with Obturator and Filter (25/box, 4 boxes/case)
- 53130-LF** Lubricated KleenSpec Disposable Sigmoidoscope with Obturator and Filter (25/box, 4 boxes/case)
- 73500** 3.5 V Halogen Handle Adapter

- 36019** Fiber-optic Light Head
- 30200** Insufflation Bulb, complete
- 30215** Luer Lock for use with hydrophobic filters (Qty. 10)
- 30210** Hydrophobic filters (Qty. 10)



## Welch Allyn KleenSpec® Disposable Anoscopes

A high-performance, disposable anoscope for convenient, safe and efficient examination.

- > 45 degree bevel at distal end to facilitate instrumentation
- > Convenient disposable speculum and obturator ready for instant use
- > 19 mm x 10 cm

- 53110** KleenSpec Disposable Anoscopes with Obturator (25/box, 4 boxes/case)
- 73500** 3.5 V Halogen Handle Adapter
- 36019** Fiber-optic Light Head

## Laryngoscopes

Innovative design with advanced lamp technology to enhance staff efficiency and patient comfort.

- > **Quality Light Output.** True tissue color through advanced lamp technology and optional SureColor LEDs, to enhance procedures
- > **Durable, Long Lasting.** One-piece stainless steel construction to ensure blade integrity
- > **Standardize.** Easily convert from lamp to fiber-optic illumination, to make upgrades economical
- > **Repairable.** Replace deteriorating light pathways for a fraction of the cost of a replacement blade


## Lightweight Fiber Optic Sets

Each set includes both of our AA and C cell battery lightweight handles and lightweight blades for maximum maneuverability.

FIBER OPTIC SET	ORDERING INFORMATION BY LIGHT SOURCE	
	LED	Halogen HPX
MacIntosh, blade sizes 1, 2, 3, 4 and case	69696-LED	69696
Miller, blade sizes 0, 1, 2, 3, 4 and case	68696-LED	68696
E-MacIntosh, blade sizes 1, 2, 3, 4 and case	69697-LED	69697




## E-MacIntosh Laryngoscope Blades




FIBER OPTIC	STANDARD	BLADE SIZE	OVERALL LENGTH	LENGTH INSIDE BASE TO TIP
69211	69241	1	95 mm	70 mm
69212	69242	2	116 mm	90 mm
69213	69243	3	135 mm	110 mm
69214	69244	4	156 mm	130 mm

## Miller Laryngoscope Blades



FIBER OPTIC	STANDARD	BLADE SIZE	INSIDE VERTICAL MEASURE	LENGTH INSIDE BASE TO TIP
68065	68045	00	8 mm	36 mm
68060	68040	0	8 mm	53 mm
68061	68041	1	8 mm	79 mm
68062	68042	2	10 mm	132 mm
68063	68043	3	11 mm	172 mm
68064	68044	4	13 mm	182 mm

## MacIntosh Laryngoscope Blades



FIBER OPTIC	STANDARD	BLADE SIZE	OVERALL LENGTH	LENGTH INSIDE BASE TO TIP
69061	69041	1	89 mm	63 mm
69062	69042	2	108 mm	82 mm
69063	69043	3	126 mm	101 mm
69064	69044	4	160 mm	135 mm

## Rechargeable Fiber Optic Halogen HPX Handles

- > Charging station ensures handles are ready to use






## Lightweight Fiber Optic Handles

- > Responsive, lightweight design
- > Available in C and AA battery cell sizes



HANDLE SIZE	ORDERING INFORMATION BY LIGHT SOURCE	
	LED	Halogen HPX
C Size	60813-LED	60813
AA Size	60814-LED	60814
Stubby	60815-LED	60815

## Lighting System Replacement Parts Fiber Optic Handles

LAMP	HANDLE	HPX LAMP CARTRIDGE ASSEMBLY (HPX Lamp Included)	SWITCH PLUNGER/ LAMP SHIELD
06000-LED 	60813 60814 60815	NA	NA
06000-U 	60813 60814 60815 60713	608125-501	608107
00300-U 	60835	608351-501	608107

# Auscultatory Exam (Stethoscopes)

PHYSICAL EXAM

## Harvey™ Cardiology Grade Stethoscopes

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

“The art of cardiac auscultation, as we know it today, is virtually synonymous with the name Dr. W. Proctor Harvey.”\*



### Harvey™ DLX Stethoscopes

With trumpet brass construction, the Harvey DLX helps you hear more of the important cardiac, pulmonary and vascular sounds without relying on difficult “variable pressure” techniques.

- > Available with double-head (brass bell and flat diaphragm) or rotatable triple-head (brass bell and corrugated diaphragm) chestpieces
- > Pediatric chestpieces available
- > Chrome-plated brass chestpieces and binaurals
- > Rotatable binaurals and interchangeable comfort sealing ear tips
- > Triple-leaf binaural spring encased in polyurethane allows size adjustment while preventing breakage
- > Not made with natural rubber latex

- **5079-321** Harvey DLX, Triple Head (Black) 71 cm
- **5079-322** Harvey DLX, Triple Head (Burgundy) 71 cm
- **5079-323** Harvey DLX, Triple Head (Navy) 71 cm
- **5079-324** Harvey DLX, Triple Head (Green) 71 cm
- **5079-325** Harvey DLX, Double Head (Black) 71 cm
- **5079-326** Harvey DLX, Double Head (Burgundy) 71 cm
- **5079-327** Harvey DLX, Double Head (Navy) 71 cm
- **5079-328** Harvey DLX, Double Head (Green) 71 cm



Double Head



Triple Head

### Harvey™ Elite® Stethoscope

The Harvey Elite offers updated styling along with the superior comfort and auscultation capabilities that cardiologists have come to rely on.

- > Choice of tubing length: 71 cm or 56 cm
- > Double-head (bell and flat diaphragm) stainless steel chestpiece with nonchill rim
- > Pediatric chestpieces available
- > Rotatable stainless steel binaurals and interchangeable comfort sealing ear tips
- > Triple-leaf binaural spring encased in polyurethane allows size adjustment while preventing breakage
- > Not made with natural rubber latex

- **5079-122** Harvey Elite (Black), 56 cm
- **5079-125** Harvey Elite (Black), 71 cm
- **5079-270** Harvey Elite (Burgundy), 71 cm
- **5079-271** Harvey Elite (Navy), 71 cm
- **5079-284** Harvey Elite (Green), 71 cm



\* March, S. K. (2002). W. Proctor Harvey: A Master Clinician-Teacher's Influence on the History of Cardiovascular Medicine. Texas Heart Institute Journal, 29(3), 182-192.

## Professional Stethoscopes

With its minimal weight and rotating binaurals allowing for a custom fit, the Welch Allyn Professional Stethoscope is one of the most comfortable and versatile general-use stethoscopes manufactured today.

- > General-use stethoscope (71 cm tube length)
- > Stainless steel double-head (bell and flat diaphragm) chestpiece with nonchill rim
- > Rotatable binaurals and interchangeable comfort sealing ear tips
- > Not made with natural rubber latex









	<b>5079-135</b> Adult Professional (Black) 71 cm
	<b>5079-137</b> Adult Professional (Navy) 71 cm
	<b>5079-138</b> Adult Professional (Plum) 71 cm
	<b>5079-139</b> Adult Professional (Burgundy) 71 cm
	<b>5079-285</b> Adult Professional (Green) 71 cm
	<b>5079-289</b> Adult Professional (Blue) 71 cm
	<b>5079-145</b> Pediatric Professional (Black) 71 cm
	<b>5079-147</b> Pediatric Professional (Navy) 71 cm
	<b>5079-148</b> Pediatric Professional (Plum) 71 cm
	<b>5079-149</b> Pediatric Professional (Burgundy) 71 cm
	<b>5079-287</b> Pediatric Professional (Green) 71 cm



## Lightweight Stethoscopes

When weight and economy are of primary concern, the Lightweight is the stethoscope to choose.

- > Excellent for general auscultation and blood pressure
- > Lightweight chestpieces with nonchill rims
- > Available with single or double-head chestpieces
- > Chrome-plated, flat diaphragm chestpiece
- > Rotatable binaural
- > Flexible single-channel tubing
- > Adult version only
- > Not made with natural rubber latex

	<b>5079-67</b> Lightweight Stethoscope with Single-Head Chestpiece, Black
	<b>5079-68</b> Lightweight Stethoscope with Single-Head Chestpiece, Red
	<b>5079-70</b> Lightweight Stethoscope with Single-Head Chestpiece, Grey
	<b>5079-71</b> Lightweight Stethoscope with Single-Head Chestpiece, Blue
	<b>5079-73</b> Lightweight Stethoscope with Double-Head Chestpiece, Black
	<b>5079-74</b> Lightweight Stethoscope with Double-Head Chestpiece, Red
	<b>5079-75</b> Lightweight Stethoscope with Double-Head Chestpiece, Gray
	<b>5079-76</b> Lightweight Stethoscope with Double-Head Chestpiece, Blue



Double Head

## Disposable Uniscopes

A single-patient-use stethoscope for use in situations where cross-contamination is a concern. The Uniscope allows accurate auscultation without compromising primary stethoscopes or patient safety.

- > Excellent for general auscultation
- > Plastic chestpiece and binaural
- > Single-patient-use (disposable) stethoscope
- > Single-head design
- > Flat diaphragm Adult (yellow) and Pediatric (blue) models available
- > Not made with natural rubber latex
- > For use in isolation or in situations where universal precautions are mandated

<b>17461</b>	Uniscope Disposable Stethoscope with Plastic Single-Head Chestpiece (Adult Diaphragm)
<b>17462P</b>	Uniscope Disposable Stethoscope with Plastic Single-Head Chestpiece (Pediatric Diaphragm)





# WOMEN'S HEALTH

Single-use vaginal specula and cordless illumination system designed to help women's health providers improve patient comfort and safety.



## Vaginal Specula and Illumination System

WOMEN'S HEALTH

### KleenSpec® Cordless Illumination System

Designed with enhanced unique new features, including bright, white light with our LED light sources.

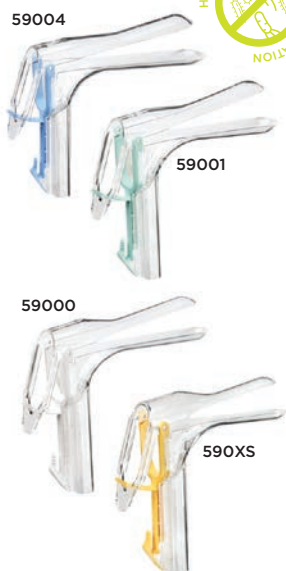
- > Advanced LED light source provides improved visualization of the exam area by supplying brighter and whiter light
- > No cord to get in the way during procedures
- > Automatically illuminates upon insertion of the illuminator and once it is removed the light goes off

- 80015** Complete KleenSpec Cordless Illuminator with Charging Station, EU and UK plugs
- 80000** KleenSpec Cordless Illuminator
- 74015** KleenSpec Charging Station, EU and UK plugs
- 59010** Disposable Sheath for the KleenSpec Cordless Illumination System



### KleenSpec Vaginal Specula—Premium 590 Series

Welch Allyn's single-use specula are designed to eliminate the time and expense of reprocessing and can help reduce cross-contamination.



- > Now in every size needed for all types of patients—safe exam with virginal/pediatric patients as well as post-menopausal and post-hysterectomy women
- > Look for the distinctive blue, green, white and yellow colored handles to easily identify sizes
- > Light pipe design provides a homogeneous spot and eliminates glare back
- > Wider handle provides improved ergonomics, better balance, and easy manipulation during exams
- > Smooth, molded acrylic will not pinch or bind tissue for greater patient comfort during the exam
- > Compatible with both KleenSpec Illumination Systems (cordless and corded)
- > Industry's first extra small size disposable vaginal specula
- > Pederson Style Speculum

- 590XS** KleenSpec 590 Disposable Vaginal Specula, Extra Small (case of 96)
- 59000** KleenSpec 590 Disposable Vaginal Specula, Small (case of 96)
- 59001** KleenSpec 590 Disposable Vaginal Specula, Medium (case of 96)
- 59004** KleenSpec 590 Disposable Vaginal Specula, Large (case of 72)

### KleenSpec Vaginal Specula—Premium 590 Series with Smoke Tube

For smoke evacuation during electrosurgical procedures.

- > Built-in smoke evacuation channel to assure a clear view
- > Advanced LED light source eliminates positioning of an external light source
- > Convenient single-use speculum is disposable for patient safety
- > Excellent visibility—transparent blades allow full visualization of the exam area
- > Smooth, molded acrylic will not pinch or bind tissue for greater patient comfort during exams
- > The illumination system is completely sealed when inserted into the speculum
- > Easy one-handed operation provides multiple settings with positive locking positions



- 59005** KleenSpec 590 Series Disposable Vaginal Specula with Smoke Evacuator Tube, Small (case of 48)
- 59006** KleenSpec 590 Series Disposable Vaginal Specula with Smoke Evacuator Tube, Medium (case of 48)

# PATIENT MONITORING



Accurate, automatic vitals and patient observations sent to your EMR from the point of care to help enhance staff productivity, patient outcomes and risk reduction.



## Vital Signs Monitoring Systems

PATIENT MONITORING

### Connex® Clinical Surveillance System with Respiratory Monitoring

A revolutionary system designed specifically for medical/surgical environments to help improve patient safety and outcomes while reducing risk within your facility.

Connex Clinical Surveillance System allows clinicians to proactively view patient status 24/7, helping them to respond earlier than with most traditional methods used today on medical/surgical floors. The Connex System integrates into your hospital's network infrastructure for ease of deployment, and builds on your existing vital signs workflow to give clinicians immediate access to the critical data they need to help keep their patients safe.

The System consists of:



#### Welch Allyn Connex® Monitors

The Connex® Vital Signs Monitor and Connex® Spot Monitor provide accurate vital signs measurement, Early Warning Scores (EWS) and optional ECG and respiratory monitoring capabilities.



#### Connex® Central Station

The Connex Central Station brings the Connex Clinical Surveillance System together by allowing clinicians to view the status of all patients at a glance.



#### Connex® Service Dashboard

This web-based portal enables clinical engineering staff to proactively manage and monitor all Connex devices, Central Stations and servers on your hospital network.

Please check local availability of Connex Clinical Surveillance System and additional features with your distributor or local Welch Allyn representative.

# Vital Signs Devices

PATIENT MONITORING

## Connex® Vital Signs Monitor (CVSM)

The CVSM is the next generation in patient monitoring with easy-to-use color touchscreen, advanced vital signs technology and with optional ECG and respiratory monitoring capabilities. Plus, Electronic Medical Record (EMR) integration gives clinicians immediate access to the information they need, when and where they need it—with no extra steps.

### Designed specifically for busy floors like yours to help increase efficiency.

- > Captures spot-check vitals, intervals and continuous monitoring
- > EMR integration for accurate electronic vitals and Early Warning Scoring (EWS) documentation that is customized to your facility's EWS protocol
- > Secure Access with Imprivata® Single Sign-on (SSO) enables fast, secure authentication for accessing and transacting patient information
- > Advanced Patient ID including two-way name confirmation
- > Patient data protection for HIPAA compliance
  - Protect patient identifiable information with customizable options, like abbreviations
  - Allow automated deletion of patient data after sending to EMR
  - Apply rules to check record completeness before saving
- > Complete and easy-to-understand error messages
- > Optional Accessory Cable Management Stand:
  - With accessory storage compartment to keep everything at hand and organized
  - With on-board LED lighting which aids in viewing accessories in dark rooms without disturbing the patient
  - With WhisperDrive™ technology and large casters that provide quiet maneuverability



XML

HL7

### Industry-leading parameters for accurate patient information

- > SureBP® Blood Pressure
  - Adult, pediatric, neonatal blood pressure modes
  - Customizable blood pressure monitoring programs help nurses follow hospital protocol
  - 15-second readings help improve patient comfort
- > SureTemp® Plus (oral, axillary or rectal) and/or Braun ThermoScan PRO 6000 (ear/tympanic) thermometry (optional—choose one or both). All the temperature readings can be automatically sent to EMRs—including tympanic readings
- > Masimo® or Nellcor® SpO<sub>2</sub> algorithms (optional)—both sensors and signal processing
- > Detects and alarms for lethal arrhythmias (asystole, ventricular tachycardia and ventricular fibrillation) at the bedside with the ECG capabilities (optional)
- > Masimo® Total Hemoglobin (SpHb)—continuous and noninvasive monitoring of total hemoglobin may allow detect hemorrhaging early—allowing for timely intervention (optional)
- > Masimo® Acoustic Respiration (RRa)—provides non invasive and continuous monitoring of respiration rate (optional)
- > Covidien® Microstream® Capnography (etCO<sub>2</sub>) to proactively monitor patient status 24/7 to help you quickly recognize respiratory distress and enable response to signs of patient deterioration (optional)



## Upgradeable design to help you protect your investment

All the optional monitoring features can be added to your monitors, allowing you to expand your system as needed.



Optional 3 or 5-Lead ECG



Optional Masimo® Total Hemoglobin (SpHb)



Optional Masimo® Acoustic Respiration (RRa)



Optional Covidien® Microstream® Capnography (etCO<sub>2</sub>)

Check with your Welch Allyn representative to learn about all the options available for the CVSM.

## Connex® Integrated Wall System (CIWS)

**Comprehensive physical assessment and vital signs documentation in one convenient system. The CIWS offers complete vital signs and physical assessment capabilities with EMR connectivity in one integrated solution.**

- > Eliminates time-consuming searches for individual pieces of equipment throughout the facility
- > Allows clinicians to immediately view all necessary patient data, then send it directly to an EMR/HIS system
- > Prevents tools from being lost, stolen or misplaced
- > Enhances the visibility of information to your patients and to improve communication and compliance
- > Provides accurate data every time, to enhance decision-making and improve patient safety
- > Secure Access with Imprivata Single Sign-on (SSO) enables fast, secure authentication for accessing and transacting patient information



### Comprehensive vital signs documentation and physical assessment capabilities IN ONE convenient system:

- > For connected facilities, vitals can be electronically sent directly to the EMR/EHR system
- > Fast 15-second SureBP® NIBP and pulse rate
- > SureTemp Plus and/or Braun ThermoScan PRO 6000 ear thermometry
- > Masimo® or Nellcor® SpO<sub>2</sub>
- > Masimo noninvasive continuous monitoring of total hemoglobin (optional)
- > Adult, pediatric and neonatal blood pressure modes
- > NIBP interval monitoring mode, including customizable interval programs
- > Programmable visual and audible alarms for BP, SpO<sub>2</sub>, temperature and pulse
- > Integrated 3.5 V handles for physical assessment tools

### Open architecture design allows you to expand your system.

- > Upgrades and additional parameters can be added to your system when you need it
- > Supports technology from both Welch Allyn and our manufacturing partners
- > Protects your investment and is scalable as your facility needs change

#### Four USB ports to add:

- > Bedside ECG
- > Select digital weight scales
- > Barcode scanning



## Connex® Spot Monitor (CSM)

The CSM features an easy-to-use, vivid touchscreen display and provides accurate vital signs measurement including blood pressure averaging, spot checking, interval monitoring and custom scoring across patient populations.

### Automatically captures a full set of vitals in under 1 minute!

- > Spot-check and interval monitoring of vital signs from neonate through adult patients
- > SureBP NIBP technology enables fast, accurate 15-second readings plus blood pressure averaging methodology to reduce hypertension misdiagnosis
- > Choice of leading SpO<sub>2</sub> technologies: Masimo, Nellcor or Nonin®
- > Choice of leading thermometry technologies: proprietary SureTemp Plus Thermometry or Braun ThermoScan PRO 6000 Thermometry
- > On-device calculator for custom protocols like nEWS, mEWS



XML

HL7

### Helps improve staff satisfaction and productivity

- > Touchscreen and intuitive user interface with on-screen guides that simplify operation and training
- > Secure Access with Imprivata Single Sign-on (SSO) enables fast, secure authentication for accessing and transacting patient information
- > Optional Advanced Accessory Power Management (APM) Stand:
  - Allows up to 17 hours of operation
  - With a convenient work surface and improved ergonomics
  - With accessory storage compartment to keep everything at hand and organized
  - With on-board LED lighting which aids in viewing accessories in dark rooms without disturbing the patient
  - With WhisperDrive™ technology and large casters that provide quiet maneuverability

### Advanced connectivity features with a very competitive offer

Having close partnerships with more than 150 leading Electronic Medical Record (EMR) providers—including Cerner®, DataSel®, and more—means you can depend on Welch Allyn for reliable device connectivity and expert support.

- > Reduce transcription errors and omissions by automatically transferring patient vital signs and other data directly into your EMR
- > Compatible with a wide range of wireless networks and security protocols
- > Advanced Patient ID including two-way name confirmation to make informed care decisions quickly



Connex Spot Monitor Microsite



Up to 17 hours of operation

## Support your facility's early warning score protocol.

The Connex Scoring App provides an optional point-of-care calculator that is customized to your facility's protocols. With the Connex Scoring App, clinicians can document and track signs of patient deterioration and make informed patient care decisions quickly.

- > Create your own custom calculations or match national standards
- > Up to 6 Custom Scores to enable clinical decision support at the bedside
- > Automate calculations, such as scores, fall assessments or other data captured at the bedside
- > Capture additional data needed (up to 20 custom modifiers), such as intakes, outputs or patient consciousness levels
- > Customize your messages based on calculations



Choose the mounting option for your CSM that best fits your practice and workflow



Desktop Stand  
7000-DST



Wall Mount with Basket  
7000-GCX



Integrated Wall System



Standard Basket Stand  
7000-MS3



Work Surface and  
Accessory Management  
Stand  
7000-MWS



Accessory Power  
Management (APM)  
Stand  
7000-APM



## Connex® ProBP™ 3400 Digital Blood Pressure Device

Accurate, reliable, connected blood pressure readings in the palm of your hand.

- > Small, handheld design makes device easy to carry and to capture readings on rounds or in triage settings
- > Hospital-grade SureBP™ technology enables fast, accurate 15-second blood pressure readings to help improve patient comfort and minimize error codes, even in the presence of motion or weak pulse
- > USB-wired technology enables connectivity to select EMR/HIS systems, improving documentation accuracy and efficiency
- > Compatible with blood pressure cuff sizes ranging from small child (12 cm) to thigh (55 cm)
- > Lithium ion battery technology delivers 100 readings on a single charge with rapid recharge time
- > Configurable to match your workflow and specific patient needs

SDK

Integrated into Wall System



Wall Mount



Handheld



Desk Mount



Mobile Stand



# BLOOD PRESSURE MEASUREMENT



Full portfolio of digital and manual sphygmomanometers and blood pressure cuffs that allow true standardization to achieve excellence in BP management in any clinical setting.

## Sphygmomanometers

BLOOD PRESSURE MEASUREMENT

### ProBP® 2000 Digital Blood Pressure Device

A fast, accurate and cost-effective automated blood pressure device for healthcare professionals looking for both clinical and economical efficiency.

- > Combines two of our innovative technologies—Welch Allyn SureBP technology and Welch Allyn FlexiPort® Blood Pressure Cuff technology—to enhance exams for you and your patients
- > Blood pressure readings are captured more comfortably on inflation and take about 20 seconds
- > Compatible with Reusable FlexiPort cuff sizes, ranging from child up to large adult and thigh (15-55 cm range)
- > One-button touch triggers the device to start capturing on cuff inflation
- > Digital LCD screen displays BP readings and pulse rate
- > Works with batteries or with optional AC adaptor



- 2000** ProBP 2000 with adult Reusable FlexiPort BP cuff (size 11) and 4 AA batteries
- 2000-P** ProBP 2000 with adult Reusable FlexiPort BP cuff (size 11), 4 AA batteries and power supply



7670-01

### 767 Wall and Mobile Aneroids

The versatile 767 Wall and Mobile Aneroid, with improved ergonomics and a new modern design, is the smart choice for accurate and reliable readings throughout your facility.

- > Laser-engraved dial face provides unmatched accuracy
- > Recessed dial face and high contrast orange pointer increase visibility and reduce parallax errors
- > Lifetime calibration warranty
- > New 5-leg stand provides improved stability and maneuverability
- > Not made with natural rubber latex

- 7670-01** 767 Wall Aneroid with Reusable Adult FlexiPort Cuff
- 7670-10** 767 Mobile Aneroid with Reusable Adult FlexiPort Cuff
- 7670-16** 767 Desktop Aneroid with Reusable Adult FlexiPort Cuff



7670-16

7670-10

## DuraShock™ DS58 Hand Aneroids Platinum Series

Unsurpassed reliability in a traditional handheld design with gear-free DuraShock technology.

- > Super shock-resistant—can withstand up to 152 cm drop (exceeds AAMI's shock resistant requirement) and remain in calibration
- > Jewel movement for long life
- > Laser-engraved dial face for accuracy
- > Premium inflation system for comfort
- > Ergonomic inflation bulb enhances user comfort
- > Lifetime calibration warranty
- > Lighter weight than traditional models—won't weigh down your lab coat
- > Premium aesthetics
- > Not made with natural rubber latex



DS58-11

## DuraShock™ DS66 Trigger Aneroids Gold Series

Unsurpassed reliability with a unique trigger-release design and gear-free DuraShock technology.

- > Shock-resistant to maintain accuracy with lower lifetime cost—can withstand up to 100 cm drop and remain in calibration
- > Soft comfort grip
- > Jewel movement for long life
- > Laser-engraved dial face for accuracy
- > 15-year calibration warranty
- > Lighter weight than traditional models—won't weigh down your lab coat
- > Premium aesthetics
- > Not made with natural rubber latex



DS-6601-189

## DuraShock™ DS55 and DS45 Hand Aneroids Silver Series

The Welch Allyn DuraShock DS55 provides a traditional thumbscrew-style air release valve and identification labels that can be customised. The DS45 features a unique integrated, cuff-mounted design that is compact and lightweight for ease of use.

- > Laser-engraved dial for accuracy
- > Shock-resistant for accuracy and lower cost over time
- > 10-year calibration warranty
- > Premium aesthetics
- > Not made with natural rubber latex
- > DS55 is available in four colors: blue, yellow, red and black



DS45-11



DS-5541-149

## DuraShock™ DS54 and DS44 Hand Aneroids Bronze Series

The DS54 provides a traditional thumbscrew-style air release valve. Part of our Bronze Series, the DS44 Integrated features a FlexiPort cuff-mounted design that is compact and lightweight for ease of use.

- > Shock-resistant for accuracy and lower cost over time
- > 5-year calibration warranty
- > Not made with natural rubber latex



DS-5401-189



DS44-11

# Blood Pressure Cuffs

BLOOD PRESSURE MEASUREMENT

## FlexiPort® Blood Pressure Cuff Standardization Technology

FlexiPort cuff standardization technology is an innovative, easy-to-use connection technology that helps you control costs. The single-point FlexiPort connection is a practical innovation that enables virtually any device to work with Welch Allyn FlexiPort Blood Pressure Cuffs—without the hassle of traditional cuff tubes and connectors. FlexiPort technology is available on three unique cuff styles to cover every area of your hospital: reusable, disposable and the single-patient.



### What's FlexiPort?

The FlexiPort fitting provides a single point of connection between devices and cuffs.



## FlexiPort Reusable

Affordable and easy to use, Welch Allyn FlexiPort Reusable Blood Pressure Cuffs offer all the advantages of FlexiPort technology—including simplified connectivity—in a dependable, durable design.

## FlexiPort Disposable

A reliable disposable cuff solution, FlexiPort Disposable Blood Pressure Cuffs deliver value to hospitals by combining the benefits of FlexiPort technology with an economical disposable design.



Size	Range	Cuff Only	Cuff One-Tube Screw	Cuff One-Tube TP	Cuff One-Tube Locking	Cuff One-Tube Bayonet	Cuff Two-Tubes Screw	Cuff Two-Tubes Locking	Cuff Two-Tubes TP & Empty Tube	Cuff Two-Tubes Inflation Sys.
Small Infant (6)	7-10 cm	REUSE-06	REUSE-06-1SC	REUSE-06-1TPE	REUSE-06-1MQ	REUSE-06-1HP	N/A	N/A	N/A	N/A
Infant (7)	9-13 cm	REUSE-07	REUSE-07-1SC	REUSE-07-1TPE	REUSE-07-1MQ	REUSE-07-1HP	REUSE-07-2SC	REUSE-07-2MQ	REUSE-07-2TPE	REUSE-07-2BV
Small Child (8)	12-16 cm	REUSE-08	REUSE-08-1SC	REUSE-08-1TPE	REUSE-08-1MQ	REUSE-08-1HP	REUSE-08-2SC	REUSE-08-2MQ	REUSE-08-2TPE	REUSE-08-2BV
Child (9)	15-21 cm	REUSE-09	REUSE-09-1SC	REUSE-09-1TPE	REUSE-09-1MQ	REUSE-09-1HP	REUSE-09-2SC	REUSE-09-2MQ	REUSE-09-2TPE	REUSE-09-2BV
Small Adult (10)	20-26 cm	REUSE-10	REUSE-10-1SC	REUSE-10-1TPE	REUSE-10-1MQ	REUSE-10-1HP	REUSE-10-2SC	REUSE-10-2MQ	REUSE-10-2TPE	REUSE-10-2BV
Adult (11)	25-34 cm	REUSE-11	REUSE-11-1SC	REUSE-11-1TPE	REUSE-11-1MQ	REUSE-11-1HP	REUSE-11-2SC	REUSE-11-2MQ	REUSE-11-2TPE	REUSE-11-2BV
Adult Long (11L)	25-34 cm	REUSE-11L	REUSE-11L-1SC	REUSE-11L-1TPE	REUSE-11L-1MQ	REUSE-11L-1HP	REUSE-11L-2SC	REUSE-11L-2MQ	REUSE-11L-2TPE	REUSE-11L-2BV
Large Adult (12)	32-43 cm	REUSE-12	REUSE-12-1SC	REUSE-12-1TPE	REUSE-12-1MQ	REUSE-12-1HP	REUSE-12-2SC	REUSE-12-2MQ	REUSE-12-2TPE	REUSE-12-2BV
Large Adult Long (12L)	32-43 cm	REUSE-12L	REUSE-12L-1SC	REUSE-12L-1TPE	REUSE-12L-1MQ	REUSE-12L-1HP	REUSE-12L-2SC	REUSE-12L-2MQ	REUSE-12L-2TPE	REUSE-12L-2BV
Thigh (13)	40-55 cm	REUSE-13	REUSE-13-1SC	REUSE-13-1TPE	REUSE-13-1MQ	REUSE-13-1HP	REUSE-13-2SC	REUSE-13-2MQ	REUSE-13-2TPE	REUSE-13-2BV

For Disposable Flexiport Cuffs, replace "REUSE" with "SOFT"

## FlexiPort EcoCuff® Single Patient Use Blood Pressure Cuff

One true solution to help facilities reduce cost, cross-contamination and environmental impact.

- > Simple standardization to single-patient blood pressure cuff usage model
- > EcoCuff is durable enough to last for a complete patient stay, yet more cost effective than most traditional disposable cuffs when used in a single-patient-use setting
- > Unique slot fitting system helps prevent miscuffing, which can lead to reading errors of up to 30 mmHg
- > Lifecycle analysis demonstrates 60% less environmental impact than traditional BP cuffs\*
- > Meets all the latest clinical guidelines for proper fit from AAMI and AHA



- ECOCUFF-09** EcoCuff, Child, 15-21 cm\*\*
- ECOCUFF-10** EcoCuff, Small Adult, 20-28 cm\*\*
- ECOCUFF-11** EcoCuff, Adult, 27-38 cm\*\*
- ECOCUFF-12** EcoCuff, Large Adult, 33-45 cm\*\*
- ECOCUFF-MLT** EcoCuff, Four-Cuff Kit: Child, Small Adult, Adult, and Large Adult\*\*\*
- HOLDER-C** FlexiPort ECO Wall-Mount Storage Accessory (for Child EcoCuffs case)
- HOLDER-SA** FlexiPort ECO Wall-Mount Storage Accessory (for Small Adult EcoCuffs case)
- HOLDER-A** FlexiPort ECO Wall-Mount Storage Accessory (for Adult EcoCuffs case)
- HOLDER-LA** FlexiPort ECO Wall-Mount Storage Accessory (for Large Adult EcoCuffs case)



FlexiPort ECO Wall-Mount Storage Accessory

\* Source: Based on an Independent life cycle analysis conducted by The Center of Sustainable Production at Rochester Institute of Technology comparing EcoCuff to traditional FlexiPort Disposable Blood Pressure Cuffs and traditional Trimline cuffs when used in a one-cuff-per-patient-use model.

\*\* 50 cuffs per box, 2 boxes per case

\*\*\* 50 cuffs of each size

FlexiPort System	Single Patient Use	Proper Sizing	Environmentally Friendly

## Neonatal Soft Disposable Cuffs

Disposable cuffs designed to help reduce cross-contamination in high-risk areas. Reliable, easy to use and affordable.

- > Soft, comfortable DuPont® Sontara® spunlaced fabric is durable and not made with natural rubber latex
- > Range/index markings on outside of cuff make sizing easy
- > Color coded for easy size identification
- > Flat port tubing connectors help keep tubes out of the way
- > Comes with ISO compliant NeoQuick connector

- NEO-1-1** ISO Compliant Disposable Neonate Cuff, Size 1, 1-Tube (Qty. 10)
- NEO-2-1** ISO Compliant Disposable Neonate Cuff, Size 2, 1-Tube (Qty. 10)
- NEO-3-1** ISO Compliant Disposable Neonate Cuff, Size 3, 1-Tube (Qty. 10)
- NEO-4-1** ISO Compliant Disposable Neonate Cuff, Size 4, 1-Tube (Qty. 10)
- NEO-5-1** ISO Compliant Disposable Neonate Cuff, Size 5, 1-Tube (Qty. 10)
- NEO-MLT-1** ISO Compliant Disposable Neonate Cuff, 1-Tube, 5/Pack, 1 of Each Size
- NEO-1-2** ISO Compliant Disposable Neonate Cuff, Size 1, 2-Tube (Qty. 10)
- NEO-2-2** ISO Compliant Disposable Neonate Cuff, Size 2, 2-Tube (Qty. 10)
- NEO-3-2** ISO Compliant Disposable Neonate Cuff, Size 3, 2-Tube (Qty. 10)
- NEO-4-2** ISO Compliant Disposable Neonate Cuff, Size 4, 2-Tube (Qty. 10)
- NEO-5-2** ISO Compliant Disposable Neonate Cuff, Size 5, 2-Tube (Qty. 10)
- NEO-MLT-2** ISO Compliant Disposable Neonate Cuff, 2-Tube, 5/Pack, 1 of Each Size
- 5082-301** NeoQuick connector, ISO, male 1/8" barb (Qty. 10)
- 5082-302** NeoQuick connector, ISO, male 3/32" barb (Qty. 10)





# THERMOMETRY



Full portfolio of clinical thermometers and services to achieve excellence in temperature management in any clinical setting.

## Ear Thermometer

THERMOMETRY



### Braun ThermoScan® PRO 6000

The Welch Allyn Braun ThermoScan PRO 6000 Ear Thermometer featuring advanced measurement technology has the speed and simplicity you need to capture accurate and reliable temperature readings in a comfortable way for patients.

- > Innovative PerfectTemp™ technology adjusts for variability in probe placement
- > ExacTemp™ technology detects stability of the probe during measurement
- > Designed to take quick and accurate readings, to improve patient satisfaction
- > Electronic security features help prevent theft, loss
- > 60-second pulse timer assists with manual measurement of pulse rate, respiration
- > Available with small or large cradle and optional charging station, security tethers and tester

06000-200	Braun ThermoScan PRO 6000 and Small/One-box Cradle
06000-300	Braun ThermoScan PRO 6000 and Large/Two-box Cradle
06000-425	Braun ThermoScan PRO 6000, Small/One-box Cradle and Charging Station EU
06000-525	Braun ThermoScan PRO 6000, Large/Two-box Cradle and Charging Station EU
06000-800	Braun ThermoScan PRO 6000 Disposable Probe Covers (800/case)
106201	Security Tether, 1.8 m
106204	Security Tether, 2.74 m
01802-110	Model 9600 Plus Temperature Calibration Tester



Braun PRO 6000 Microsite

### The unique technical features of the Braun ThermoScan PRO 6000

<i>PerfectTemp®</i>	<i>ExacTemp®</i>	<i>Pre-warmed tip</i>	<i>Proprietary algorithm</i>	<i>Unique sensor technology</i>

<i>Handheld</i>	<i>Wall-mounted</i>	<i>Charging Station</i>	<i>Integrated into vital signs monitors</i>	<i>Two lengths of security tether</i>	<i>Two sizes of cradles</i>	<i>Soft disposable probe covers</i>	<i>In-house calibration checker</i>

### PerfectTemp Technology—the Braun PRO 6000 advantage

PerfectTemp technology helps overcome challenges presented by ear canal anatomy and variability in probe placement. The thermometer collects information about the direction and depth of ear probe placement and automatically incorporates it into the temperature value. This helps increase the accuracy of measurement as compared to core temperature, especially when probe positioning is not ideal.



## SureTemp® Plus 692

Easy to use with intuitive operation designed to reduce risk of cross-contamination with removable probe well and provides more reliable readings with improved accuracy. Takes approximately 4- to 6-second oral, 10-second pediatric axillary, 15-second adult axillary and 10-second rectal temperatures.

- > Ergonomic design—comfortable to hold, easy to use and very durable
- > Large LCD display with location identification capability
- > Includes a 60-second pulse timer for counting pulses and respirations
- > Mechanical or electronic security options to help prevent theft
- > Takes approximately 5,000 readings on 3 “AA” batteries
- > Wall mount standard with the SureTemp Plus 692 model

- 01692-400** SureTemp Plus 692 Electronic Thermometer with Wall Mount, Security System with ID Location Field, 1,2 m Cord and Oral Probe with Oral Probe Well
- 01692-401** SureTemp Plus 692 Electronic Thermometer with Wall Mount, Security System with ID Location Field, 1,2 m Cord and Rectal Probe with Rectal Probe Well
- 05031-101** Disposable Probe Covers (1,000 covers, packaged 25 per box)
- 01802-110** Model 9600 Plus Temperature Calibration Tester



## CareTemp® Touch Free Thermometer

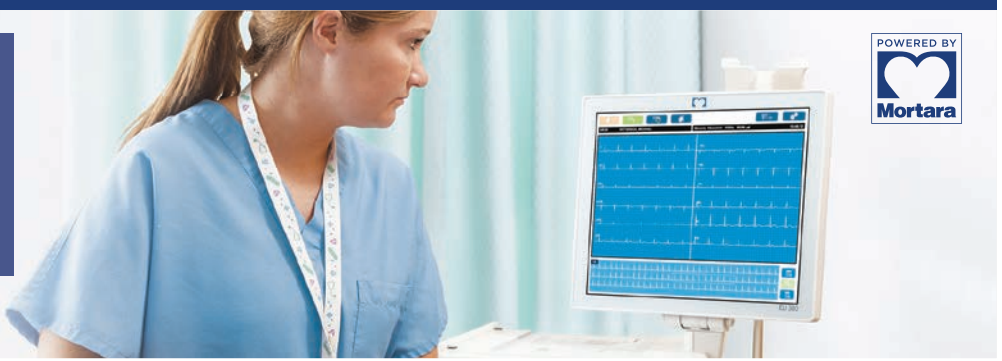
In fast-paced environments where speed and efficiency matter, the CareTemp Touch Free Thermometer is a valuable screening tool for many clinical settings.

- > Infrared sensor reads temperature 4-6 cm from the center of forehead
- > No patient skin contact required, helps minimize the risk of cross-contamination
- > Measurement feedback system detects proper operating distance for accuracy
- > 60-second pulse timer, memory recall button, C/F scale conversion button
- > Large, backlit LCD display that is intuitive and easy to read
- > Takes approximately 3,000 readings on two AAA batteries

**105801** CareTemp Touch Free Thermometer



The industry's broadest range of diagnostic cardiology solutions.



## Resting ECGs

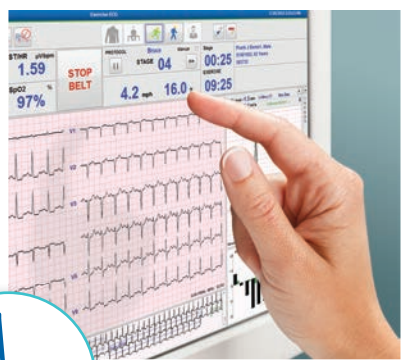
CARDIOLOGY



With the industry's broadest range of diagnostic cardiology solutions, we help people get better care, inside and outside the hospital. Backed by **clinical excellence, connected solutions and continuous innovation**, Welch Allyn Cardiology is proud to be powered by Mortara.

## Clinical Excellence

- **Precision Signal:** Uncompromised signal acquisition. ECG frequency response (0.05 - 300 Hz) exceeds the AHA/ACC guidelines for pediatric and adult ECG acquisition.
- **Best-in-class Algorithm:** VERITAS® interpretation algorithms provide superior accuracy in beat detection, labeling and noise rejection. Trusted by the U.S. Food and Drug Administration (FDA), VERITAS is the standard algorithm used for drug trials and clinical studies.
- **Comprehensive Cardiology Portfolio:** Solutions for every environment across the continuum of clinical care, supported by expanded global service and support to meet every unique need.



## Connected Solutions

- **Vendor Neutral:** Standards-based interfaces connect our ECG devices to vendor-neutral IT systems, so device investments are not wasted when IT systems are replaced.
- **Experience:** Mortara leads the industry with DICOM-connected diagnostic ECG devices and has the most DICOM-connected installations with the widest range of IT vendors. Mortara also has a long history of connecting with HL7® and EMR-specific APIs.
- **Optimal Workflow:** Mortara devices are designed with clinicians, for clinicians. We do this to ensure an efficient workflow, while minimizing documentation errors through barcode scanners, electronic orders, demographics lookup and storage of test results.
- **Security:** Enhanced device security with industry-leading encryption of stored and transmitted patient data. Users are authenticated with enterprise identity management and authorized to perform role-appropriate tasks. Device authorization prevents unauthorized devices from exchanging patient data.

## ELI™ 380 ERGO Resting Electrocardiograph

The ELI 380 Resting ECG, with ERGO swivel and touchscreen display, is designed to make the total ECG experience more efficient—from decreasing the time required to perform the procedure, to increasing the accuracy and security of the data acquired, to the overall patient care experience.

- > The ergonomic, impact-resistant 17" touchscreen display is fully adjustable allowing 180 degree viewing
- > Easy-to-clean screen and sealed keyboard helps enhance infection control compliance
- > Displays up to 12 or optional 15-leads of ECG data for immediate review and plotting
- > Distinguished VERITAS resting ECG interpretation algorithm with age and gender-specific criteria
- > High-fidelity acquisition sampling rate of 40,000 samples per second per channel
- > Lead Reversal Detection feature helps to reduce errors as well as the need for repeat ECGs—detects limb and chest lead reversals in real time and indicates which leads may be reversed
- > Best 10 technology captures the best 10 seconds of recorded ECG from system memory, eliminating the need for repeat ECGs
- > “Instant-on” feature enables clinicians to quickly power up and begin ECG acquisition
- > Any 10-second period from up to 20 minutes of accumulated full disclosure is available for viewing, printing, transmitting and storing
- > Optional Signal Averaged Electrocardiography (SAECG) allows the acquisition, analysis and printout of signal-averaged ECGs to detect ventricular late potentials
- > Optional WAM™ (Wireless Acquisition Module) patient cable for flexible cable-free working in demanding environments
- > Enhanced device security with industry-leading encryption of patient data
- > Users are authenticated with Enterprise identity management and authorized to perform role-appropriate tasks
- > Bidirectional communication via USB, LAN or wireless LAN enables connectivity virtually to any EMR, PACS and CVIS systems via XML/PDF formats and DICOM®/HL7® protocols
- > Patient Demographic Query (PDQ) allows user to identify the patient in non-orders based workflow—entering or scanning patient ID you can receive all patient demographic from the hospital EMR
- > Thermal printer, A4, Smart or US letter Z-fold papers



PDF

XML

HL7

DICOM



WAM

**Wireless Freedom**—Equivalent in size and weight to a traditional patient cable, the WAM wireless acquisition module provides freedom of movement for both patients and clinicians

## ELI™ 280 Resting Electrocardiograph

The ELI 280 Electrocardiograph provides comprehensive functionality in a portable, touchscreen device. The easy-to-use device is designed to meet the demands of high-volume ECG environments in both acute care and physician office environments.

- > 10.1" high-resolution color touchscreen LCD that displays up to 12 leads of ECG data for immediate review and plotting
- > Easy-to-clean screen helps enhance infection control compliance
- > Distinguished VERITAS resting ECG interpretation algorithm uses gender-specific, adult and pediatric criteria to provide a silent second opinion
- > High-fidelity acquisition sampling rate of 40,000 samples per second per channel
- > Lead Reversal Detection feature helps reduce errors and the need for repeat ECGs—detects limb and chest lead reversals in real time and indicates which leads may be reversed
- > Best 10 technology captures the best 10 seconds of recorded ECG from system memory, eliminating the need for repeat ECGs
- > Optional exercise stress capability (check local availability)
- > Securing ePHI is promoted with centralized device access controls that are integrated with LDAP or Active Directory service
- > Choice of either the WAM wireless or the AM12™ acquisition modules
- > Bidirectional communication via USB, internal modem, LAN or wireless LAN enables connectivity virtually to any EMR, PACS and CVIS systems via XML/PDF formats and DICOM/HL7 protocols
- > Thermal printer, A4, Smart or US letter Z-fold papers



## ELI™ 250c Resting Electrocardiograph

Compact and lightweight, the ELI 250c Electrocardiograph provides comprehensive functionality in an easy-to-use, portable device.

- > High-resolution color display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG
- > Full Keyboard with “one-touch” buttons for ECG acquisition, rhythm printing and ECG transmission/order retrieval
- > Distinguished VERITAS resting ECG interpretation algorithm uses gender-specific, adult and pediatric criteria to provide a silent second opinion
- > High-fidelity acquisition sampling rate of 40,000 samples per second per channel
- > Lead Reversal Detection feature helps reduce errors and the need for repeat ECGs—detects limb and chest lead reversals in real time and indicates which leads may be reversed
- > Best 10 technology captures the best 10 seconds of recorded ECG from system memory, eliminating the need for repeat ECGs
- > Choice of either the WAM wireless or the AM12™ acquisition modules
- > Bidirectional communication via USB, internal modem, LAN or wireless LAN enables connectivity virtually to any EMR, PACS and CVIS systems via XML/PDF formats and DICOM/HL7 protocols
- > Thermal printer, A4 or US letter Z-fold papers



## CP 150™ Electrocardiograph

The Welch Allyn CP 150 Electrocardiograph (ECG) is a simple to use and affordable ward ECG. Take quick ECG readings with the touch of a button and improve your hospital workflow with a range of advanced features, helping you acquire and print accurate tests.

- > Instant-on feature powers the device up quickly and lets you take an ECG at a moment's notice
- > 7" color, touchscreen display for fast and easy entry of accurate patient information
- > Advanced filters for optimal ECG trace quality ensure accurate readings
- > 12-lead ECG preview feature
- > Optional adult and pediatric MEANS ECG interpretation software
- > Battery operation lets you easily transport your device to the patient
- > 8 hours operation and 4 hours to charge
- > Store up to 100 test results on the device or transfer to a USB memory stick



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XML

HL7

DICOM

## ELI™ 230 Resting Electrocardiograph

The ELI 230 Resting ECG offers complete functionality in a compact and portable device. It is a cost-effective ECG solution offering accurate and reliable adult/pediatric ECG interpretation and full-size printouts.



PDF

XML

- > High-resolution color display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG
- > Easy-to-clean screen helps enhance infection control compliance
- > Distinguished VERITAS resting ECG interpretation
- > High-fidelity acquisition sampling rate of 40,000 samples per second per channel
- > Lead Reversal Detection feature helps reduce errors and the need for repeat ECGs
- > Best 10 technology captures the best 10 seconds of recorded ECG from system memory, eliminating the need for repeat ECGs
- > Choice of either the WAM wireless or the AM12™ acquisition modules
- > Thermal printer, A4 or US letter Z-fold papers
- > Weights just 2.63 kg including battery

## ELI™ 150c Resting Electrocardiograph

Compact and lightweight, the ELI 150c Electrocardiograph provides comprehensive functionality in an ultra-portable device.

- > High-resolution color display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG
- > Full keyboard with "one-touch" buttons for ECG acquisition, rhythm printing and ECG transmission/order retrieval
- > Distinguished VERITAS resting ECG interpretation
- > High-fidelity acquisition sampling rate of 40,000 samples per second per channel
- > Lead Reversal Detection feature helps reduce errors and the need for repeat ECGs
- > Best 10 technology captures the best 10 seconds of recorded ECG from system memory, eliminating the need for repeat ECGs
- > Choice of either the WAM wireless or the AM12™ acquisition modules
- > Bidirectional communication via USB, internal modem, LAN, wireless LAN, or GPRS enables connectivity virtually to any EMR, PACS and CVIS systems via XML/PDF formats and DICOM/HL7 protocols
- > Thermal printer, 108 x 140 mm Z-fold paper
- > Weights just 3.3 kg including battery



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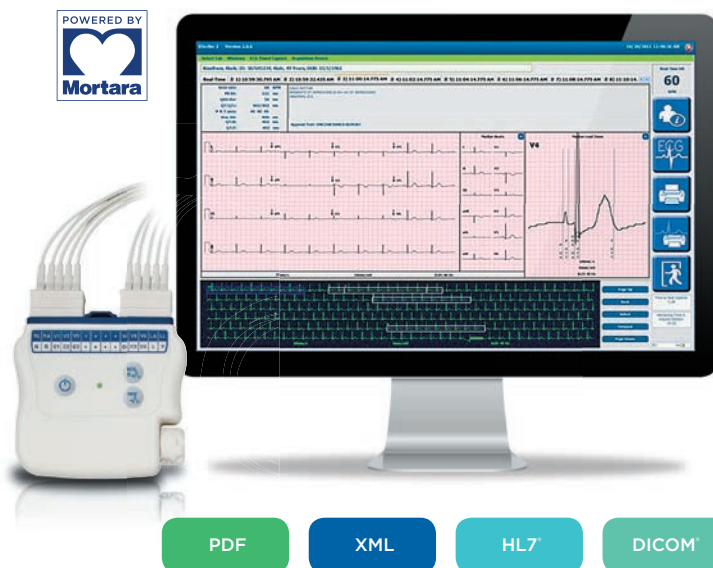
HL7

DICOM

## Rscribe™ 7 System

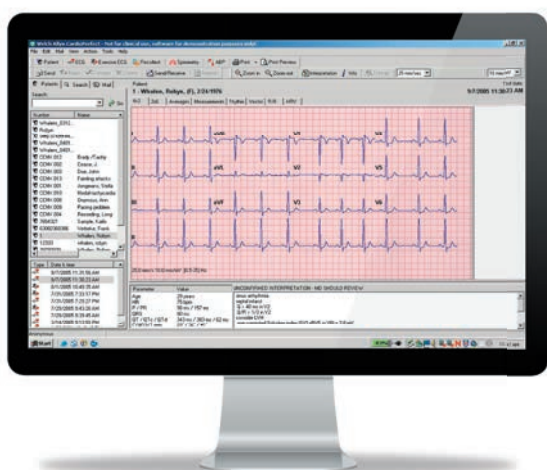
An advanced, highly scalable electrocardiograph system that can be used as a standalone ECG device or, for more complex applications, as a networked acquisition, storage and review station.

- > Allows for time-programmed acquisition of ECGs enabling clinicians to acquire sequential ECGs during STEMI or pharmacological studies
- > Provides on-screen ECG measurements and editing features for a paperless workflow. When a hard copy is required, the system outputs reports in an impressive range of formats
- > Widely recognized resting ECG interpretation algorithm uses gender-specific and adult and pediatric criteria to provide a silent second opinion for resting ECG interpretation
- > Bidirectional communication with third-party systems including EMR, HIS, and PACS via XML, PDF and DICOM



## CardioPerfect® WorkStation

A comprehensive cardiopulmonary data management system that works the way you do and allows you to transform any computer or laptop into an efficient diagnostic solution.



- > Help improve productivity with the ability to access and email reports
- > Expedient consults and referrals due to report accessibility from office or home
- > Review different tests performed on a patient with the click of a button
- > Customize user profile and security settings
- > Large display shows testing information in a format that makes analysis easy
- > Acquire, interpret and trend test results for comprehensive patient management
- > Free audit trail for HIPAA compliance programs to help reduce risk
- > Standardize and add other Welch Allyn modules as your practice grows



## XScribe™ Stress Testing System

The XScribe has long been considered the standard in cardiac stress testing due to its innovative technologies and sophisticated algorithms which help clinicians in their busy daily routines.



- > High-resolution 24" widescreen color touch display
- > Logical user interface with left-to-right navigation and intuitive controls guide users through procedures with ease
- > Our innovative Source Consistency Filter (SCF) minimizes noise and baseline artifact while preserving a diagnostic-quality ECG signal
- > The WAM Wireless Acquisition Module digitally transmits ECG data, providing comfort and freedom of movement for the patient
- > Best-in-class VERITAS algorithm provides 12-lead ECG interpretation for adults, adolescents and children
- > Quickly access continuous ST trends and profile, ST level and slope for all 12 average complexes, and auto comparison with reference complexes
- > Enhanced full disclosure mode provides a beat-by-beat review during the exam, as well as post-test, allowing easy retrospective addition of events and ECG printing
- > From simple connectivity to complete interoperability, the XScribe system offers a variety of integration solutions
- > Configured with Ergoline ergometers or TrackMaster® treadmills
- > Vacuum system option (check local availability)

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XML

HL7

DICOM

## Fully Equipped With Top Performance

Ergometers, Treadmills and NIBP Solutions



### Top Performance Ergometers

The XScribe System can be configured with Ergoline and Lode ergometers via RS232 or USB.



### Top Performance Treadmills

The XScribe System can be configured with Trackmaster® TMX428 and TMX425 treadmills via RS232 or USB.



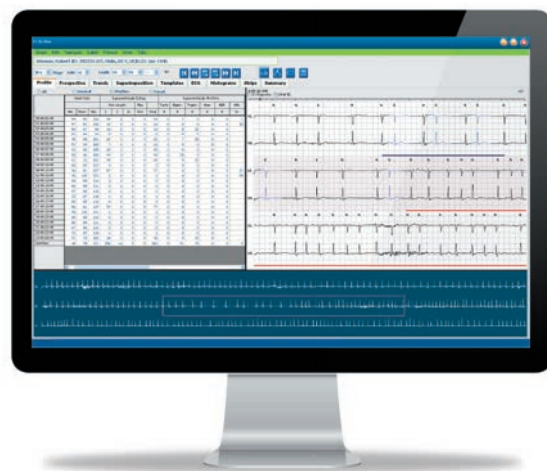
### Top Performance Stress BP Monitors

XScribe interfaces to the industry-standard Suntech® Tango® for automatic NIBP and SpO2 measurement during the entire stress test procedure.

## Hscribe™ Holter Analysis System

The Hscribe™ Holter Analysis System enables flexible system configurations to satisfy a full range of Holter monitoring needs, from simple to complex installations.

- > Export electronic file reports to any networked destination
- > Import holter recordings from an unlimited number of remote sites with optional Web Upload
- > Retrieve a Modality Worklist and store final reports in your PACS with DICOM
- > VERITAS signal processing algorithms provide superior accuracy in beat detection, labeling and noise rejection for better identification of events and rapid scanning of recordings
- > Retrospective, prospective and superimposition scanning modes supported



## H12+™ Digital Holter Recorder

The compact and lightweight H12+ provides continuous, high-fidelity 12-lead ECG recording, an invaluable tool for monitoring ECG variations.



- > 12-lead data recorded beat-by-beat on a compact flash memory card for up to 48 hours
- > Features a full graphic display to preview ECG waveforms during patient hookup
- > Alphanumeric patient IDs can be entered for unique identification of each recording
- > 10,000 samples/sec/channel for superior pacemaker spike detection
- > Weighs just 125 grams

## H3+™ Digital Holter Recorder

The H3+™ Digital Recorder gives new meaning to the word compact, while providing some of the most impressive capabilities available today.

- > 3-channel recording with standard pacemaker spike detection
- > Small and lightweight (weighs just 28 g), making it very comfortable for patients
- > Impressive 7 days (168 hours) continuous recording with just one AAA battery
- > Features a full graphic display to preview ECG waveforms during patient hookup



## ABPM 7100 Blood Pressure Monitor

An easy-to-use 24-hour ambulatory blood pressure monitor that is designed to help avoid the effects of white coat hypertension, provide accurate sleep blood pressure readings, and tailor drug therapy regimes to your individual patient's needs.

- > Uses oscillometric technology, a validated method of automatic NIBP measurement
- > Meets or exceeds the latest AAMI, EHS Standards and has a BHS A/A Rating
- > Lightweight, compact and quiet for improved patient compliance
- > Unlimited protocols for programming measurement periods and inflation frequencies
- > Can conduct measurements over 48 hours
- > Upgradable to add Central BP and Pulse Wave Analysis
- > Cuffs not made with natural rubber latex to help reduce risk of allergic reactions
- > Auto Feedback Logic during inflation for excellent patient comfort and acceptance

- ABPM-7100S** ABPM 7100 Recorder with CardioPerfect® WorkStation Software
- ABPM-7100HMS** ABPM 7100 Recorder with Hypertension Management Software
- ABPM-7100CBP** ABPM 7100 Recorder with Central BP Analysis and Hypertension Management Software
- ABPM-7100PWA** ABPM 7100 Recorder with Central BP, Pulse Wave Analysis and Hypertension Management Software



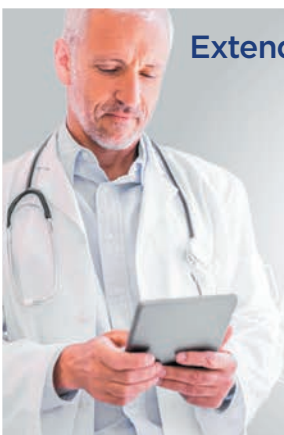
## Web Upload

The Web Upload holter and ABPM data transfer solution enables holter and ABPM recordings to be uploaded from a computer with Internet access to a scanning center equipped with the Web Upload solution.

- > A web-based application that securely and automatically installs on client computers
- > No limitation to the number of remote client sites, which allows any health system to extend the access to cardiology care virtually to anywhere with internet connection
- > Secure transfer (SSL) with authentication to protect patient privacy facilitates regulatory and HIPAA compliance
- > Wizard-like user interface for quick and easy data transfer of ECG Holters and ABPM systems



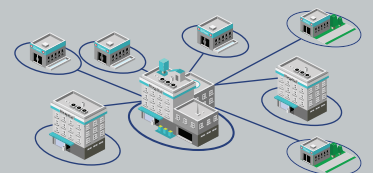
## Extending Access to Cardiology Care through Cutting-Edge Technology



Web Upload – The best solution for:



Telemedicine



Healthcare Chains and Health Systems



# MEDICAL LIGHTING

Welch Allyn Green Series™ (GS) Medical Lights provide a brighter, whiter light and consume less energy than traditional halogen lights.



## Green Series Exam Lights

MEDICAL LIGHTING



### GS Exam Light IV

- > Perfect for the OB/GYN office or for specialties that require very focused light in specific areas
- > One LED with 3X the typical light output than halogen
- > Highly flexible light pipe that is twice as long as conventional pipes with a compact, unobtrusive head that ensures pinpoint accuracy

48812 (EU), 48814 (UK) GS General Exam Light IV with Table/Wall Mount  
 48950 Mobile Stand for GS Exam Light IV  
 52640 Disposable Sheath for GS IV (25/Box 5 Boxes/Case)

### GS 300 General Exam Light

- > Ideal for primary care facilities, emergency rooms, outpatient facilities and dermatology
- > One LED provides the perfect combination of intense light output and cool operation, all delivered in a compact design
- > Affordable price and rugged performance

44452 (EU), 44454 (UK) GS 300 General Exam Light with Mobile Stand  
 44412 (EU), 44414 (UK) GS 300 General Exam Light with Table/Wall Mount  
 48960 91 cm Heavy Duty Tall Mobile Stand



### GS 600 Minor Procedure Light

- > Ideal for minor procedures and exams in any healthcare environment
- > Touchless intensity controls provide the output you need, when you need it
- > Features 3 LEDs and a wider head specifically for demanding viewing conditions that require exceptionally good light

44902 (EU), 44904 (UK) GS 600 Minor Procedure Light with Mobile Stand  
 44912 (EU), 44914 (UK) GS 600 Minor Procedure Light with Table/Wall Mount  
 48960 91 cm Heavy Duty Tall Mobile Stand  
 52630 Disposable Sheath for GS 600 (50/box, 5 boxes/case)

## GS 900 Procedure Light

- > Perfect for procedures in the hospital, ambulatory care center, outpatient facility or physician's office
- > Features 6 LEDs with intensity controls, outstanding durability, extraordinary maneuverability and unparalleled spot quality
- > Ceiling mount option gives ability to maximize floor space and direct light wherever it is needed during a procedure

44902 (EU), 44904 (UK) GS 900 Procedure Light with Mobile Stand  
 44900-C GS 900 Procedure Light with Ceiling Mount  
 44900-W GS 900 Procedure Light with Wall Mount  
 52630 Disposable Sheath for GS 900 (50/box, 5 boxes/case)



## GS Specifications

	GS Exam Light IV	GS 300	GS 600	GS 900
# of LEDs	1 White LED	1 White LED	3 White LEDs	6 White LED
Color Temperature	5,500° K	5,500° K	5,500° K	5,500° K
Light Intensity @ Typical Working Distance	20,000 lux (1,858 footcandles)	30.5 cm distance: 30,000 lux (2,787 footcandles) 50 cm distance: 15,000 lux (1,393 footcandles)	High Intensity Setting: 30.5 cm distance: 75,000 lux (6,967 footcandles) 50 cm distance: 40,000 lux (3,716 footcandles) Low Intensity Setting: 30.5 cm distance: 55,000 lux (5,109 footcandles) 50 cm distance: 30,000 lux (2,787 footcandles)	High Intensity Setting: 60.9 cm distance: 100,000 lux (9,290 footcandles) 100 cm distance: 55,000 lux (5,109 footcandles) Low Intensity Setting: 60.9 cm distance: 75,000 lux (6,967 footcandles) 100 cm distance: 40,000 lux (3,716 footcandles)
LED Life	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Working Distance	40 cm	30.5 cm to 50 cm	30.5 cm to 50 cm	60.9 cm to 100 cm
Spot Size at Working Distance	10 cm to 25 cm	13 cm to 15 cm	15 cm to 18 cm	23 cm to 25 cm
Electrical	Input: 100-240 V-50 Hz-60 Hz, 0.30 A max	Input: 100-240 V-50 Hz-60 Hz, 0.35 A max	Input: 100-240 V-50 Hz-60 Hz, 0.65 A max	Input: 100-240 V-50 Hz-60 Hz, 1.00 A max
Power Cord	#18 AWG, 3-wire grounded cord set, 2.5 m long	#18 AWG, 3-wire grounded cord set, 2.5 m long	#18 AWG, 3-wire grounded cord set, 2.5 m long	#18 AWG, 3-wire grounded cord set, 2.5 m long
Weight	Total Table/Wall Mount: 2.40 kg Total Mobile Stand: 5.63 kg	Total Table/Wall Mount: 2.56 kg Total Mobile Stand: 5.78 kg	Total Table/Wall Mount: 2.93 kg Total Mobile Stand: 7.87 kg	Total Wall Mount: 8.12 kg Total Mobile Stand: 20.34 kg Total Ceiling Mount: 11.11 kg
Mounting Options	Table/Wall Mount Mobile Stand	Table/Wall Mount Mobile Stand	Table/Wall Mount Mobile Stand	Wall Mount, Mobile Stand, Ceiling Mount
Accessory Options	Disposable Sheath 52640	NA	Disposable Sheath 52630	Disposable Sheath 52630
Warranty	5-year limited	5-year limited	5-year limited	5-year limited

# SERVICE AND POLICIES

A broad portfolio of service offerings to protect your organization's investment and to give clinicians what they need to care for patients: devices working flawlessly when and where they need them.



## Services

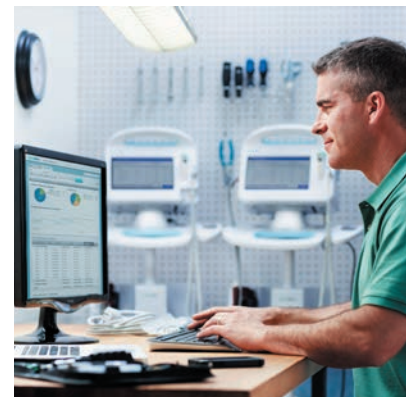
SERVICES AND POLICIES

### Welch Allyn Services

Three essential services. Flexible choices. One collaborative resource.

We understand you can't afford interruptions from out-of-service equipment and that you need an easy way to get clinicians up to speed quickly on the equipment they use. That's why we designed our services offerings to help optimize your investments and keep things running as efficiently as possible to keep patients safe.

- > **Support Services** to help minimize service complexity and the costs of maintaining equipment to factory standards
- > **Education Services** that promote clinical/technical best practices to enhance patient care
- > **Professional Services** to help effectively integrate new technology into your environment and workflows



Each program is specifically designed to help you provide the highest level of care to your patients through a truly collaborative service relationship. This offering serves as a critical piece in helping you meet your facility's top priorities, including:

- > Maintaining system reliability for improved patient care
- > Strengthening staff competencies and efficiencies across usage and service
- > Realizing lower cost of ownership and improving your bottom line
- > Optimizing technology assets
- > Maximizing the life of your devices and systems

[Please check local availability with your Welch Allyn representative.](#)



## Welch Allyn Stands Behind Our Products

All Welch Allyn products are covered by an express warranty against manufacturing defects. During the warranty period for each product, Welch Allyn will repair or replace any products shown to be defective through causes other than misuse, neglect, damage in shipment or normal wear.

## Welch Allyn Lamp Policy

Welch Allyn instruments are engineered to optimize performance, including the design of the illumination source. 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 NiCad batteries will be replaced at a price that is reduced pro rata based on premature failure if 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.

**One Hill-Rom. Your premier partner to enhance outcomes for patients and their caregivers.**



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This brochure represents an overview of our range of solutions. For more information, please visit [emeai.welchallyn.com](http://emeai.welchallyn.com) or contact your local Welch Allyn office.

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