

# MONITORING DEVICES AND SYSTEMS

## 131 Vital Signs

*The Welch Allyn Vital Signs Monitor makes automated vital signs monitoring affordable.*

## 134 Atlas

*Flexible and affordable are the words that best describe Welch Allyn patient monitors. Choose only the parameters you want in the monitor package that meets your needs.*

## 137 Micropaq

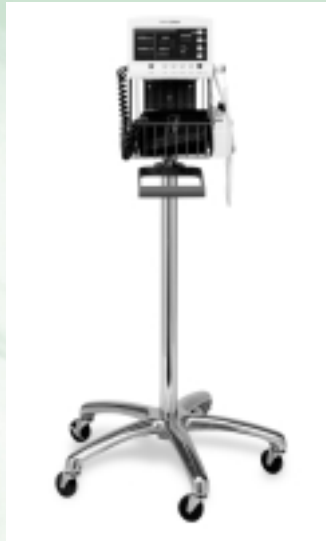
*This wearable wireless ambulatory patient monitor makes conventional telemetry obsolete by combining the features of bedside monitoring with telemetry monitoring.*

## 139 Propaq

*Monitor any patient, any age, at any location, at any time with Propaq Portable Vital Signs Monitors. The Propaq Encore, lightweight and rugged, continues to set the world standard for Transport monitoring. The Propaq CS, a portable bedside monitor, offers a large, color, touch-screen display.*

## 142 Acuity Central Monitoring Station

*Utilizing FlexNet, Welch Allyn's versatile network, the Acuity Central Monitoring Station provides clinicians instant access to their patients' vital signs information through wireless and hard-wired connections to any combination of Propaqs, Vital Signs, and Micropaq monitors.*



# Welch Allyn® Vital Signs Monitor

*Advanced monitoring made affordable.*

The Welch Allyn Vital Signs Monitor makes automated vital signs monitoring affordable. The Welch Allyn Vital Signs Monitor is modular and upgradable, so you can select precisely the features you need today and add more capability whenever you want it.

## Features

- Standard non-invasive blood pressure (NIBP) as well as pulse rate and MAP.
- Available options include the choice of Nonin® brand or Nellcor Puritan Bennett™ Pulse Oximetry. Other options include SureTemp® thermometry and an integrated thermal printer.
- Includes automatic blood pressure mode, STAT blood pressure mode, programmable alarms, and built-in memory.
- Standard RS-232 computer interface for uploading patient data to your network or PC.
- Includes 15-minute tutorial video.

## Model Numbers\*

- 52000-E1: Non-Invasive Blood Pressure only (includes Pulse Rate & MAP)
- 5200P-E1: NIBP / Printer
- 520T0-E1: NIBP / Temperature
- 520TP-E1: NIBP / Temperature / Printer
- 52S00-E1: NIBP / Nonin Pulse Oximeter
- 52N00-E1: NIBP / Nellcor Pulse Oximeter
- 52S0P-E1: NIBP / Nonin Pulse Oximeter / Printer
- 52N0P-E1: NIBP / Nellcor Pulse Oximeter / Printer
- 52ST0-E1: NIBP / Nonin Pulse Oximeter / Temperature
- 52NT0-E1: NIBP / Nellcor Pulse Oximeter / Temperature
- 52STP-E1: NIBP / Nonin Pulse Oximeter / Temperature / Printer
- 52NTP-E1: NIBP / Nellcor Pulse Oximeter / Temperature / Printer

## Accessory Numbers

### Blood Pressure Accessories

- 5200-01: Adult Cuff Assembly
- 5200-02: Large Adult Cuff Assembly
- 5200-03: Small Cuff Assembly
- 5200-10: Extra Large Cuff Assembly
- 5082-203-3: Small Child Durable One-piece Cuff (includes connectors)
- 5082-204-3: Child Durable One-piece Cuff (includes connectors)
- 5082-205-3: Small Adult Durable One-piece Cuff (includes connectors)
- 5082-206-3: Adult Durable One-piece Cuff (includes connectors)
- 5082-207-3: Large Adult Durable One-piece Cuff (includes connectors)
- 5082-208-3: High Durable One-piece Cuff (includes connectors)
- 5082-93-3: Small Child One-tube Disposable One-piece Cuffs, 5 Pack
- 5082-94-3: Child One-tube Disposable One-piece Cuffs, 5 Pack
- 5082-95-3: Small Adult One-tube Disposable One-piece Cuffs, 5 Pack
- 5082-96-3: Adult One-tube Disposable One-piece Cuffs, 5 Pack
- 5082-97-3: Large Adult One-tube Disposable One-piece Cuffs, 5 Pack
- 5082-98-3: High One-tube Disposable One-piece Cuffs, 5 Pack
- 5200-07: Blood Pressure Hose, Coiled Tubing, 8 ft.
- 5200-12: Straight Pressure Hose, 8 ft.
- 5200-08: Calibration "T" Connector

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering. Languages offered are English, French, German, and Spanish.



Welch Allyn Vital Signs Monitor



Vital Signs Monitor Shown with Optional Mobile Stand



The Welch Allyn Vital Signs Monitor is Ideal for Routine Vital Signs Assessment.

**WelchAllyn®**

www.welchallyn.com

**Thermometry Accessories**

- 5200-20: Oral Temperature Probe
- 5200-22: Rectal Temperature Probe
- 05031-101: Disposable Probe Covers (1,000)
- 06137-000: Temperature Calibration Key

**Nonin Pulse Oximetry Accessories**

- 5200-40: Nonin® SpO2 Adult Finger Clip Sensor with 9 ft. Cable
- 5200-56: Nonin® SpO2 Pediatric Finger Clip Sensor with 9 ft. Cable
- 5200-41: Nonin® SpO2 Ear Clip Sensor
- 5200-42: Nonin® SpO2 Flex Sensor
- 5200-44: Nonin® SpO2 Reflectance Sensor
- 5200-45: Nonin® SpO2 Reflectance Sensor Holder (10/Box)
- 5200-46: Nonin® SpO2 Adult Finger Flexiform Sensors (10/Box)
- 5200-47: Nonin® SpO2 Pediatric Finger Flexiform Sensors (10/Box)
- 5200-50: Nonin® SpO2 Sensor Attachment Tape
- 5200-51: Nonin® SpO2 Hydrogel Tape Strips
- 5200-52: Nonin® SpO2 Extension Cable, 3 ft.
- 5200-54: Nonin® SpO2 Finger Clip Sensor with 3 ft. Cable
- 5200-55: Nonin® SpO2 Extension Cable, 9 ft.

**Nellcor Puritan Bennett Pulse Oximetry Accessories**

- DS-100A: Nellcor™ Durasensor, Adult Oxygen Transducer
- DEC-8: Nellcor™ SpO2 Extension Cable, 8 ft.
- D-YS: Nellcor™ SpO2 DURA-Y Oxygen Transducer (1 Sensor, 40 Wraps)
- D-YSE: Nellcor™ SpO2 Ear Clip (Use with Dura-Y Sensor)
- D-YSPD: Nellcor™ SpO2 PediCheck Pediatric Spot Check (Use with Dura-Y Sensor)
- D-25: Nellcor™ SpO2 OXISENSOR II Adult (Single Use, Case of 24)
- D-25L: Nellcor™ SpO2 OXISENSOR II Adult, Long Cable (Single Use, Case of 24)
- D-20: Nellcor™ SpO2 OXISENSOR II Pediatric (Single Use, Case of 24)
- I-20: Nellcor™ SpO2 OXISENSOR II Infant (Single Use, Case of 24)
- R-15: Nellcor™ SpO2 OXISENSOR II Adult Nasal (Case of 24)
- OXI-A/N: Nellcor™ SpO2 OXIBAND Adult/Neonatal Transducer (1 Sensor, 50 Wraps)
- OXI-P/I: Nellcor™ SpO2 OXIBAND Pediatric/Infant Transducer (1 Sensor, 50 Wraps)
- OXICLIQ A: Nellcor™ SpO2 Oxygen Transducer, Adult, use with OC-3 Cable
- OXICLIQ P: Nellcor™ SpO2 Oxygen Transducer, Pediatric, use with OC-3 Cable
- OC-3: Nellcor™ SpO2 OXICLIQ Sensor Cable
- RS-10: Nellcor™ SpO2 Reflectance Oxygen Transducer (6 Sensors, 6 Headbands)
- SRC-2: Portable Oximetry Tester

**Mounting Accessories**

- 5200-60: Mobile Stand with Accessory Pack
- 5200-61: Mobile Stand without Accessory Pack
- 5200-62: Wall Mount with Accessory Pack
- 5200-63: Wall Mount without Accessory Pack
- 5200-64: IV Pole Mount with Accessory Pack
- 5200-65: IV Pole Mount without Accessory Pack
- 5200-66: Bed Rail Mount with Accessory Pack
- 5200-67: Bed Rail Mount without Accessory Pack
- 5200-69: Accessory Pack
- 5200-70: Anti-Theft Kit for Mounting Devices
- 5200-106: Transformer Mounting Kit (For Desktop Transformer Only)

**Power Transformer Accessories**

- 5200-101\*: AC Power Transformer (desktop version - USA)
- 5200-110\*: Line Cord (USA/Canada)

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.

## Miscellaneous Accessory Items

- 7052-25: Printer Paper, 6 rolls
- 5200-84: Lead-Acid Battery, 6v Rechargeable
- 5200-85E\*: Operator Manual (English)
- 5200-86E\*: Technical Service Manual
- 5200-88: Plastic Monitor Covers (5)
- 5200-100: Monitor Carrying Case

## Extended Warranty

- 5200-000: One-year extended warranty, Model 52000
- 5200-00P: One-year extended warranty, Model 5200P
- 5200-0T0: One-year extended warranty, Model 520T0
- 5200-0TP: One-year extended warranty, Model 520TP
- 5200-S00: One-year extended warranty, Model 52S00
- 5200-N00: One-year extended warranty, Model 52N00
- 5200-N0P: One-year extended warranty, Model 52N0P
- 5200-ST0: One-year extended warranty, Model 52ST0
- 5200-NT0: One-year extended warranty, Model 52NT0
- 5200-STP: One-year extended warranty, Model 52STP
- 5200-NTP: One-year extended warranty, Model 52NTP

## Technical Specifications

- Weight:** 6 lb (2.8 kg)
- Blood Pressure Accuracy:** Meets or exceeds SP10-1992 AAMI standards (AAMI standard  $\pm 5$  mmHg mean error; 8 mmHg standard deviation)
- Temperature Calibration Accuracy:**  $\pm 0.2$  F ( $\pm 0.1$  C)
- Pulse Oximeter Accuracy:**  $\pm 2$  digits in the range of 70-99% saturation

## Warranty

Pulse oximetry sensors, temp. probes, and all external accessories — 1-year warranty.  
Monitors — 2-year warranty.

## Approvals

Conforms to IEC 60601-1, UL 2601-1, ; CAN/CSA C22.2 No. 601-1.

## Patents

Design Patent No. 392,043.

\*Also available in French (F), German (G), Italian (I), or Spanish (S).  
Add appropriate letter suffix when ordering. For example: 5200-85F (French).

## Atlas™ Monitors

*Conscious sedation monitoring has finally become more efficient, more convenient, and more affordable.*

Advanced surgical techniques, new anesthetics, the need to lower healthcare costs — they're all pointing toward more outpatient surgeries and procedures in hospitals, surgicenters, and physician offices. They also point to the need for a dedicated, first-rate conscious sedation monitor. The Welch Allyn Atlas™ monitor is the first vital signs monitor specifically designed to monitor patients during conscious sedation and IV anesthesia procedures.

### Features

- A lean, practical, hard-working instrument with the flexibility to configure the monitor to fit your needs.
- All models include ECG, pulse oximetry, and non-invasive blood pressure (NIBP).
- Large, bright LED readouts and crisp waveform displays for “across-the-room” visibility.
- Intuitive design allows users to learn how to operate the monitor in just minutes.
- Lightweight and portable; can be set on a cart or countertop, wheeled on its own dedicated mobile stand, mounted on a wall, or carried using the integrated side handle.

### Model Numbers\*

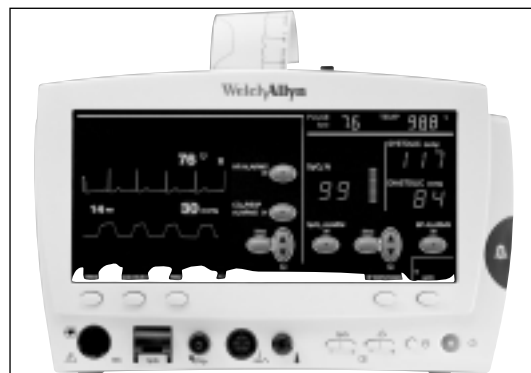
- 621S0-E1: ECG, Nonin SpO2, NIBP  
 621SP-E1: ECG, Nonin SpO2, NIBP, Printer  
 622S0-E1: ECG, Nonin SpO2, NIBP, Temp, Respiration, Battery, RS232  
 622SP-E1: ECG, Nonin SpO2, NIBP, Temp, Respiration, Battery, RS232, Printer  
 622NO-E1: ECG, Nellcor SpO2, NIBP, Temp, Respiration, Battery, RS232  
 622NP-E1: ECG, Nellcor SpO2, NIBP, Temp, Respiration, Battery, RS232, Printer  
 623SP-E1: ECG, Nonin SpO2, NIBP, ETCO2, Temp, Respiration, Battery, RS232, Printer  
 623NP-E1: ECG, Nellcor SpO2, NIBP, ETCO2, Temp, Respiration, Battery, RS232, Printer

### Accessory Numbers

#### Blood Pressure Accessories

- 5200-01: Adult Cuff Assembly  
 5200-02: Large Adult Cuff Assembly  
 5200-03: Small Cuff Assembly  
 5200-10: Extra Large Cuff Assembly  
 5082-203-3: Small Child Durable One-piece Cuff (includes connectors)  
 5082-204-3: Child Durable One-piece Cuff (includes connectors)  
 5082-205-3: Small Adult Durable One-piece Cuff (includes connectors)  
 5082-206-3: Adult Durable One-piece Cuff (includes connectors)  
 5082-207-3: Large Adult Durable One-piece Cuff (includes connectors)  
 5082-208-3: Thigh Durable One-piece Cuff (includes connectors)  
 5082-93-3: Small Child One-tube Disposable One-piece Cuffs, 5 Pack  
 5082-94-3: Child One-tube Disposable One-piece Cuffs, 5 Pack  
 5082-95-3: Small Adult One-tube Disposable One-piece Cuffs, 5 Pack  
 5082-96-3: Adult One-tube Disposable One-piece Cuffs, 5 Pack  
 5082-97-3: Large Adult One-tube Disposable One-piece Cuffs, 5 Pack  
 5082-98-3: Thigh One-tube Disposable One-piece Cuffs, 5 Pack  
 5200-07: Blood Pressure Hose, Coiled Tubing, 8 ft.

\*For appropriate model number outside of U.S.A., please advise country and voltage



Atlas™ Monitor Shown with Optional Mobile Stand

- 5200-12: Straight Pressure Hose, 8 ft.  
5200-08: Calibration "T" Connector

#### Nonin Pulse Oximetry Accessories

- 5200-40: Nonin® SpO2 Adult Finger Clip Sensor with 9 ft. Cable  
5200-56: Nonin® SpO2 Pediatric Finger Clip Sensor with 9 ft. Cable  
5200-41: Nonin® SpO2 Ear Clip Sensor  
5200-42: Nonin® SpO2 Flex Sensor  
5200-44: Nonin® SpO2 Reflectance Sensor  
5200-45: Nonin® SpO2 Reflectance Sensor Holder (10/Box)  
5200-46: Nonin® SpO2 Adult Finger Flexiform Sensors (10/Box)  
5200-47: Nonin® SpO2 Pediatric Finger Flexiform Sensors (10/Box)  
5200-50: Nonin® SpO2 Sensor Attachment Tape  
5200-51: Nonin® SpO2 Hydrogel Tape Strips  
5200-52: Nonin® SpO2 Extension Cable, 3 ft.  
5200-54: Nonin® SpO2 Finger Clip Sensor with 3 ft. Cable  
5200-55: Nonin® SpO2 Extension Cable, 9 ft.

#### Nellcor Puritan Bennett Pulse Oximetry Accessories

- DS-100A: Nellcor™ Durasensor, Adult Oxygen Transducer  
DEC-8: Nellcor™ SpO2 Extension Cable, 8 ft.  
D-YS: Nellcor™ SpO2 DURA-Y Oxygen Transducer (1 Sensor, 40 Wraps)  
D-YSE: Nellcor™ SpO2 Ear Clip (Use with Dura-Y Sensor)  
D-YSPD: Nellcor™ SpO2 PediCheck Pediatric Spot Check (Use with Dura-Y Sensor)  
D-25: Nellcor™ SpO2 OXISENSOR II Adult (Single Use, Case of 24)  
D-25L: Nellcor™ SpO2 OXISENSOR II Adult, Long Cable (Single Use, Case of 24)  
D-20: Nellcor™ SpO2 OXISENSOR II Pediatric (Single Use, Case of 24)  
I-20: Nellcor™ SpO2 OXISENSOR II Infant (Single Use, Case of 24)  
R-15: Nellcor™ SpO2 OXISENSOR II Adult Nasal (Case of 24)  
OXI-A/N: Nellcor™ SpO2 OXIBAND Adult/Neonatal Transducer (1 Sensor, 50 Wraps)  
OXI-P/I: Nellcor™ SpO2 OXIBAND Pediatric/Infant Transducer (1 Sensor, 50 Wraps)  
OXICLIQ A: Nellcor™ SpO2 Oxygen Transducer, Adult, use with OC-3 Cable  
OXICLIQ P: Nellcor™ SpO2 Oxygen Transducer, Pediatric, use with OC-3 Cable  
OC-3: Nellcor™ SpO2 OXICLIQ Sensor Cable  
RS-10: Nellcor™ SpO2 Reflectance Oxygen Transducer (6 Sensors, 6 Headbands)  
SRC-2: Portable Oximetry Tester

#### ECG Accessories

- 6200-01: ECG Patient Cable, 3 Lead (AHA)  
6200-02: ECG Patient Cable, 5 Lead (AHA)  
6200-05: ECG Lead Wires, 3 Lead (AHA)  
6200-06: ECG Lead Wires, 5 Lead (AHA)  
6200-09: Disposable ECG Electrodes (package of 3 electrodes)  
6200-10: Disposable ECG Electrodes (package of 5 electrodes)  
6200-11: ECG Electrodes (pack of 30)

#### ETCO2 Accessories

- 6200-20: ETCO2 Water Trap (Box of 5)  
6200-21: ETCO2 Scrubber  
6200-22: ETCO2 Adult Nasal Cannula (Each)  
6200-23: ETCO2 Adult Nasal Cannula (Box of 10)  
6200-24: ETCO2 Sample Line  
6200-25: ETCO2 Divided Cannula (ETCO2 sample line plus O2 delivery)

**Mounting / Carrying Accessories**

- 6200-30: Mobile Stand for Atlas Monitor  
 6200-31: Wall Mount for Atlas Monitor  
 6200-45: Monitor Carrying Case, Hard-sided, with Wheels and Telescoping Handle

**Miscellaneous Accessory Items**

- 6200-15: Temperature Probe Skin Surface  
 6200-40: Printer Paper for Atlas Monitor (box of 25)  
 6200-41: Replacement Battery for Atlas Monitor  
 6200-42E\*: Operator Manual  
 6200-43E: Technical Service Manual for Atlas (English Version)  
 5200-110: Line Cord (USA/Canada)

**Extended Warranty**

- 6200-1S0: One-year Extended Warranty, Model 621S0  
 6200-1SP: One-year Extended Warranty, Model 621SP  
 6200-2S0: One-year Extended Warranty, Model 622S0  
 6200-2SP: One-year Extended Warranty, Model 622SP  
 6200-2N0: One-year Extended Warranty, Model 622N0  
 6200-2NP: One-year Extended Warranty, Model 622NP  
 6200-3SP: One-year Extended Warranty, Model 623SP  
 6200-3NP: One-year Extended Warranty, Model 623NP

**Technical Specifications**

**Dimensions:** 35 cm x 23 cm x 25 cm (13.8" x 9.1" x 9.8")  
**Weight:** 4.3 -5.5 kg (9.5 -12.1 lbs) dependent on configuration  
**Blood Pressure Accuracy:** Meets or exceeds AAMI SP10 1992 standards  
**Temperature Accuracy:** Meets ASTM accuracy specifications  
**Pulse Oximetry Accuracy:** ±2 digits in the range of 70-100% saturation  
**Heart Rate Accuracy:** ±3 bpm or ±3%, whichever is greater  
**Impedance Respiration Accuracy:** ±3 breaths per minute  
**ETCO<sub>2</sub> Accuracy:** 0-40 mmHg: ±3 mmHg; 41-76 mmHg: ±8% of reading; 77 to 99 mmHg: ±10% of reading.

**Warranty**

Pulse oximetry sensors, temperature probes, and all external accessories — 1-year warranty.  
 Monitors — 2-year warranty.

**Approvals**

Conforms to IEC 60601-1, UL 2601-1, CAN/CSA C22.2 No. 601-1.

\*Also available in French (F), German (G), Italian (I), Spanish (S), Chinese (C), Japanese (J), or Portuguese (P). Add appropriate letter suffix when ordering.  
 For example: 6200-42G (German).

## Micropaq™ Monitors

*This wearable, wireless patient monitor makes conventional telemetry obsolete by combining the features of bedside monitoring with telemetry monitoring.*

The Micropaq™ displays heart rate, ECG and motion-tolerant Masimo Set® SpO2, and continues to monitor and display patient vitals with alarms, even when out of telemetry range. It saves thousands of dollars by using lithium ion rechargeable batteries, and connects via FlexNet™, Welch Allyn Monitoring's new 2.4 GHz ISM band wireless network, to the Acuity® Central Station.

### Features

- Displays heart rate, 1 or 2 ECG Leads, SPO2 numerics, and pulse bar.
- Alarms may be suspended and silenced locally.
- Acuity alarms with visual and audible alerts.
- Chest diagram shows electrode placement.
- Backlit LCD with automatic power save.
- Continuous monitoring even when out of telemetry range.
- Up to 25-hour battery life when fully charged.

### Micropaq Monitors

All Micropaq monitors are shipped with 5-lead cable, electrodes, directions for use, and two batteries. Micropaq Model 404 monitors also ship with the 4-foot SpO2 cable and one sample pack of disposable SpO2 sensors.

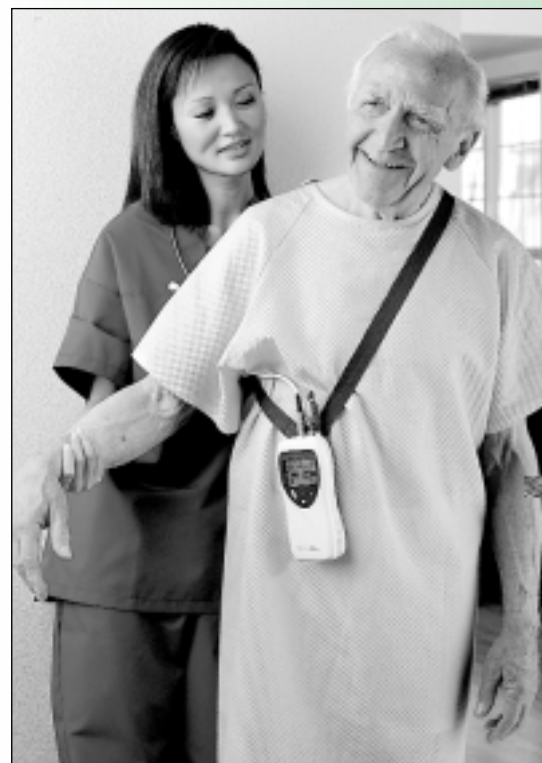
#### **Model 402**

01080002: ECG Monitoring

#### **Model 404**

01080001: ECG and SpO2 Monitoring

For more information on these products, please contact your Welch Allyn Hospital Systems Representative at 800-289-2500.



## Accessory Numbers

### ECG Accessories, Micropaq

01050382: ECG, 5-Lead cable, shielded, 2' cable with attached 2' leads wires, snap (AAMI)

01050383: ECG, 5-Lead cable, shielded, 2' cable with attached 2' leads wires, snap (IEC)

### Pouches, Micropaq

01050390: Single-Patient Use Pouch, blue

01050433: Single-Patient Use Disposable Pouch, white (one box of 20)

01050434: Single-Patient Use Disposable Pouch, white (one box of 100)

### SpO2 Accessories, Masimo®-Compatible, Micropaq

All Masimo sensors require use of 4' cable (01050388)

01050386: Masimo — LNOP-DCI Adult Reusable Probe

01050387: Masimo — LNOP-DCIP Pediatric Reusable Probe

01050388: Masimo — Cable, 4'

### Batteries, Micropaq

01050389: Two rechargeable Lithium Ion batteries, for all Micropaq monitors

### Power Accessories, Micropaq

01050294: Universal Battery Charger Kit, 8 bays, 100 to 240 Vac, 50/60 Hz, for all Micropaq batteries (includes Power Cord, Hospital Grade, 008-0333-00)

01050106: Power Cord, Hospital Grade 10A/100-120v, North & South America for use with Universal Battery Charger (008-0651-00)

### User Documentation, Micropaq (kits include manual & any updates)

01050391: Directions for Use Kit, Micropaq Software Version 1.xx, English (includes short section with service information for engineers/repair technicians).

## Technical Specifications

- Weight: 17 oz with battery
- Size: 7-3/16" x 3-1/2" x 1-9/16" (size of human hand)
- Drop resistant (rugged like a Propaq)
- Water resistant
- Nurse call button is also Acuity event marker

## Warranty

2-year warranty includes all parts and labor.

## Approvals

FDA 510K

For more information on these products, please contact your Welch Allyn Hospital Systems Representative at 800-289-2500.

# Propaq Monitors

*Reliable Vital Signs Monitoring where you need it and when you need it.*

The Propaq monitors are comprehensive and dependable vital signs monitoring solutions for a wide range of clinical applications. They are easy to use, engineered for patients of all ages and continue the Welch Allyn tradition of rugged, reliable products.

## Standard Propaq Features

- 3 Lead ECG
- Respiration
- Non-invasive Blood Pressure
- Motion Tolerant Pulse Oximetry
- Temperature (2 Channels)
- Adult, Pediatric, and Neonatal Modes

## Optional Propaq Features

- 5 Lead ECG
- Invasive Pressure Lines (1 or 2)
- Capnography (Mainstream, Sidestream or Dualstream)
- Printer
- Communications Port (for Central Station Monitoring)
- Wireless Capability (Propaq CS only)

For more information on these products, please contact your Welch Allyn Hospital Systems Representative at 800-289-2500. Outside of U.S.A., please contact your local Welch Allyn Representative for availability.



Propaq Encore Series Monitors

Approved for ambulance and airplane use.

Model	Description
202-EL	ECG, NIBP, 2 Temp Channels, SPO2, Resp
204-EL	ECG, NIBP, 2 Temp Channels, 1 IBP Channel, SPO2, Resp
206-EL	ECG, NIBP, 2 Temp Channels, 2 IBP Channels, SPO2, Resp

Propaq CS Series Monitors

Provides a large color screen that displays four waveforms and easy access to functions via a touch screen.

Model	Description
242-EL	ECG, NIBP, 2 Temp Channels, SPO2, Resp
244-EL	ECG, NIBP, 2 Temp Channels, 1 IBP Channel, SPO2, Resp
246-EL	ECG, NIBP, 2 Temp Channels, 2 IBP Channels, SPO2, Resp

**Accessories**

Three Lead ECG Cables

- 01050090: 3-Lead - ECG, 3-Lead Cable, one piece shielded 10' cable with 3 attached lead wires, snap
- 01050092: 3-Lead - ECG, 3-Lead Cable, Shielded, Safety DIN .060"
- 01050099: 3-Lead - ECG, 3-Lead Wire Set, for safety DIN, adult pinch
- 01050094: 3-Lead - ECG, 3-Lead Wire Set, for safety DIN, neonatal pinch

Five Lead ECG Cables

- 01050086: 5-Lead - one piece shielded 10' cable with 5 attached lead wires, snap
- 01050088: 5-Lead Cable - shielded
- 01050096: 5-Lead Wire Set, Safety DIN, adult pinch

NIBP Cuffs and Hoses

- 01050085: Neonatal Cuff Kit (one each, sizes 1-5, disposable)
- 01050066: Neonatal BP Hose (8 ft.)
- 01050105: Adult Cuff Kit (one each, large adult, small adult and thigh, durable)
- 01050065: Adult BP Hose (10 ft.)

Pulse Oximetry Sensors and Cables

- 01050182: Nellcor DS100A Durasensor
- 01050438: Nellcor 8 ft. Differential Extension Cable
- 01050386: Masimo LNOP-DCI Adult Reusable Sensor
- 01050387: Masimo LNOP-DCIP Pediatric Reusable Sensor
- 01050429: Masimo 8 ft. Interface Cable

Invasive BP Transducers

- 01050053: IBP Cable for MX900 and MX860
- 01050052: IBP Cable for MX950
- 01050051: IBP Domes for MX860 (case of 50)
- 01050059: IBP Transducer, Disposable, MX950 (case of 10)
- 01050060: IBP Transducer, Reuseable, MX860 (case of 5)
- 01050272: IBP Transducer, Reuseable, MX860 (each)

CO2 Sidestream

- 01050208: Adult, Sidestream CO2 only, Oral/Nasal Cannula, 25/box
- 01050209: Pediatric, Sidestream CO2 only, Oral/Nasal Cannula, 25/box
- 01050207: Infant, Sidestream CO2 only, Nasal Cannula, 25/box
- 01050199: Watertrap, Sidestream CO2, 10/box

For more information on these products, please contact your Welch Allyn Hospital Systems Representative at 800-289-2500. Outside of U.S.A., please contact your local Welch Allyn Representative for availability.



**CO2 Mainstream**

- 01050184: Airway Adapter, Multi-Use, Adult/Ped, 3/Box
- 01050183: Airway Adapter, Single Patient Use, Adult/Ped, for Mainstream CO2 option, 10/Box
- 01050185: CO2 Airway Adapters, Single Patient Use, Low Deadspace, 10/Box
- 01050181: CO2 Sensor & Airway Adapter Set
- 01050210: Sample Line, 25/box
- 01050211: Sampling Elbow with Luer Lock, 50/box

**Monitor Mounting**

- 01050245: Roll Stand Mount for monitors with SpO2 drop-on style
- 01050244: Wall Mount, Pivot Head for monitors with SpO2 drop-on style
- 01050243: Drop-on Style Mounting - Wall Mount, Tilt/Swivel Head for monitors with SpO2 drop-on style
- 01050030: Roll Stand - 12" Wire Basket
- 01050029: Roll Stand - Handle
- 01050028: Roll Stand - IV Pump/Bag Holder

**Carrying Cases**

- 01050160: Case, For Propaq Encore monitors only
- 01050130: Case, For Propaq CS, all models/options
- 01050158: Pouch for Accessories - with zipper, mountable on all Propaq models

**Warranty**

3-year warranty includes all parts and labor, and a free loaner (if available) will be provided if warranty service is required. (U.S. only)

**Approvals**

UL, AAMI, CSA, PTB, TUV, Japanese Ministry of Health, NEMKO, SEMKO, SEV, BSI, GLEM and other U.S. agency requirements.

For more information on these products, please contact your Welch Allyn Hospital Systems Representative at 800-289-2500. Outside of U.S.A., please contact your local Welch Allyn Representative for availability.



## Acuity Central Monitoring Station Options

- 02000239: Acuity® Software - Standard
- 02000231: Acuity Software - Full Disclosure, 24 hours
- 02000232: Acuity Software - Full Disclosure, 24 Hours, with Dual Lead Arrhythmia
- 02000233: Acuity Software - Full Disclosure, 24 Hours, with Dual Lead Arrhythmia and ST Analysis
- 02000234: Acuity Software - Full Disclosure, 96 Hours
- 02000235: Acuity Software - Full Disclosure, 96 Hours, with Dual Lead Arrhythmia
- 02000236: Acuity Software - Full Disclosure, 96 Hour, with Dual Lead Arrhythmia and ST Analysis
- 02000237: Acuity Software - Remote Viewing
- 02000072: Acuity® Platforms - 4-16 Patient Views
- 02000073: Acuity Platforms - 17-31 Patient Views
- 02000074: Acuity Platforms - 32-44 Patient Views
- 02000076: Acuity Platforms - 45-60 Patient Views
- 02000054: Acuity Display Monitors - 19" CRT
- 02000304: Acuity Display Monitors - 18" Flat Panel
- 02000033: Acuity Cable - Coiled Cable 2'
- 02000034: Acuity® Cables - Coiled Cable, 2' TIA 568
- 02000035: Acuity® Cables - Coiled Cable, 3'
- 02000036: Acuity Cables - Coiled Cable, 3' TIA 568
- 02000031: Acuity Cables - Coiled Cable, 4'
- 02000032: Acuity Cables - Coiled Cable, 4' TIA 568
- 02000077: Acuity® High Availability Option with RAID
- 02000057: Acuity High Availability Option - A/B Switch (with PGX card)
- 02000278: Acuity® Wireless Access Point
- 02000279: Acuity® Wireless Access Point, 6 port power supply
- 02000274: Acuity® Map Change
- 02000001: Acuity® Hallway Message Panel Kit
- 02000273: Acuity® Modem - Initial
- 02000103: Acuity Modem - Replacement
- 02000053: Acuity® Display Monitors - Additional 19" monitor
- 02000270: Acuity Display Monitors - Additional 18" Flat Panel monitor
- 03020004: Acuity Display Monitors - Video Amplifier
- 02000052: Acuity Display Monitors - Remote Display
- 02000322: Acuity Printer - HP Laser Printer
- 02000272: Acuity Printer - Laser Printer, Lexmark
- 02010001: Acuity® Printer - Color Printer
- 02000081: Acuity® Redundant Hard Drive Option - RAID, for 4-31 patient support
- 02010039: Acuity® User Documentation - Kit, Reference Guide, Software Version 5.xx, English
- 02010028: Acuity® User Documentation - Kit, Networked Acuity Reference Guide, Software Version 4.xx, English
- 02010027: Acuity® User Documentation - Kit, Quick Reference Card, Networked Acuity Software Version 4.xx, English
- 02020015: Acuity® User Documentation - Training Program, Interactive CD

## Technical Specifications

- Ultra 5: Height: 112 mm (4.4 in.), Width: 436 mm (17.1 in.), Depth: 430 mm (16.9 in.), Shipping Weight: 18.0 Kg (39.6 lbs.)
- Ultra 10: Height: 40.2 cm (15.8 in.), Width: 17.6 cm (6.9 in.), Depth: 43.50 cm (16.1 in.), Shipping Weight: 20.0 Kg (44 lbs.)
- Ultra 60: Height: 40 cm (17.7 in.), Width: 19 cm (7.5 in.), Depth: 49.8 cm (19.6 in.), Shipping Weight: 22.7 Kg (50 lbs.)

## Warranty

1-year warranty includes all parts and labor, and a free loaner (if available) will be provided if warranty service is required. (U.S. only)

For more information on these products, please contact your Welch Allyn Hospital Systems Representative at 800-289-2500. Outside of U.S.A., please contact your local Welch Allyn Representative for availability.