



The **Welch Allyn Propaq LT** is ideal for continuous monitoring and spot-check during simple procedures, the Propaq LT features an intuitive, navigational keypad. And it's easy to move throughout your facility, weighing in at just about two pounds. The Propaq LT is ideal for use as a bedside or procedure monitor. With a revolutionary design that's light enough to fit on an IV pole, rugged enough for air transport and versatile enough for pediatric applications, the Propaq LT gives you the power to monitor more patients in more places than ever before.

Features

- Shock resistance of up to 75 g—enough to withstand a six-foot drop
- Heart rate, 3- or 5-lead ECG, SpO₂, NIBP, respiration
- Masimo® SET® motion-tolerant SpO₂ or Nellcor® SpO₂
- Neonatal, pediatric and adult patient modes
- Continuous monitoring and spot-check modes
- 24-hour tabular and graphical trending
- Storage of up to 20 full-disclosure data snapshots
- Certified for use in large- and small-body fixed- and rotary-wing aircraft by U.S. Military



Specifications

Physical

Monitor

Height: 5.4 in (137.1 mm)
Width: 7.5 in (190.5 mm)
Depth: 2.1 in (53.3 mm)
Weight: 27 oz (765 g)

Charging Station

Height: 5.7 in (144.7 mm)
Width: 7.6 in (193 mm)
Depth: 6.0 in (152.4 mm)
Weight: 24 oz (680.3 g)

Color Display: 3.5 in color transfective LCD

Viewable in Direct Sunlight

Environmental

Operating temperature: 0 to 40 °C

Operating relative humidity: 5 to 95%, noncondensing

Monitor operating altitude: -2,000 to 15,000 ft (-610 to 4,572 m)

Cradle operating altitude: 500 to 15,000 ft (152 to 4,572 m)

Shipping/storage temperature: -20 to 60 °C

Shock resistance: 75 g

Vibration, Random and Sinusoidal: designed to meet RTCA DO-160D, categories section 8 modified

Electromagnetic compatibility (EMC): per IEC 601-1-2

Drip-proof per IEC 529, level IPX1

Power

Rechargeable lithium ion internal battery pack

External recharger

Input voltage: 12-28 VDC

AC power adapter: 110 and 220 VDC vehicle conversion

Operating time on battery, typical*: ECG/Resp only: 24 hours; ECG/Resp, SpO2 and NIBP: 8 hours

Battery recharge time: < 3 hours



Specifications Continued

Alarms

All parameters: upper/lower limits specific to patient mode
Factory default or programmable settings for all patient modes
Alarm indicator: Red
Alarm(s) off indicator: Yellow
Audible alarm tone: High / Med / Low
Alarm silence/reset: 90 sec
One-button “Param-set” for adjusting specific parameter alarm limits, programmable
Equipment alert: Yellow

Trends

Tabular numeric and graphical formats
All parameters trended/viewable
Resolution: non-NIBP trends entered every 1 min; NIBP trends entered after each reading
Duration: 24 hr non-NIBP trends; up to 150 NIBP readings
Page up/down trend view
Up to 20 data snapshots (7 sec behind and 14 sec ahead of snapshot event) of displayed data captured

Certifications

Complies with all relevant AAMI, IEC, EN, CSA and UL standards. CE marked according to the European Medical Device Directive. CSA certificate of compliance for use in the U.S. and Canada.

Communications

PC Utility
USB interface via charging station
Supports Microsoft Windows® XP/2000 and later
Autoprint utility allows printing of tabular trends and snapshots to connected laser printer

General

Adult, pediatric and neonatal patient modes
Electrosurgery interference suppression (ESIS): all channels except impedance respiration
All channels electronically isolated



Specifications Continued

ECG

Automatic 3- and 5-lead monitoring and cable type detection

Selectable leads: I, II, III, aVR, aVL, aVF, V

Lead fault detection and autoconfigure

NIBP

Oscillometric method

Automatic (intervals between 1 to 60 min) and manual modes

Quick-action NIBP start/stop button

Pulse Oximetry SpO2

Waveform and pulse amplitude meter

Normal, fast and slow response modes

Saturation range: 1 to 100%

Respiration

Breath rate source: Impedance pneumography

Two user-selectable leads: RA-LA, RA-LL

Automatic cardiovascular artifact (CVA) rejection

