



The **Zoll Propaq M** is a portable patient monitor used for monitoring ECG, CO-Oximeter, NIBP, IBP, CO₂, Temperature, and Respiration. It's rugged, compact, and lightweight, which makes it ideal for transport. This multiparameter monitor can be used in hospital, EMS, or even rugged military environments. It features a large color LCD display with a wide viewing angle and can display ECG, plethysmography, and respiration waveforms at the same time. The display is highly configurable to fit you or your facility's needs.

Features

- Multiple communication options including WiFi, Bluetooth, USB cellular modem, and Ethernet.
- Large display that can show between 4 and 12 waveforms and all clinical data.
- Weighs under 10 lbs.
- Easily replaced battery pack.
- Can be used on pediatric and adult patients.



Specifications

Dimension

Weight: 7.2 lbs without battery and 8.5 lbs with battery
Dimensions: 8.9" x 10.4" x 7.0" without handle 8.9" x 8.7" x 6.5"

Display

Type: Bright, Color, LCD TFT
Brightness: User adjustable
Resolution: 640 x 480 pixels
Waveform Traces: 4, 6, or 12 waveforms
Display Modes: Standard, high contrast, NVG
(night vision goggle) friendly
Waveform Durations: 4.8, 9.5 seconds

Power

Rechargeable, user replaceable, lithium ion
Operating Time: 7.5 hours (display
brightness at 30%, ECG, SpO₂, EtCO₂, IPx3, temp x2 and NIBP every 15 min)
Battery:
Size: 178 mm x 93 mm x 30 mm
Weight: 1.4 lbs
Battery Indicators: 5 battery capacity LED indicators, fault indicator,
recalibration indicator
Recharge Rate: 4 hours to 100%
AC Power Adapter: 100 – 240 VAC 50, 60, 400 Hz (@110V)

Environmental

Operating Temperature: 0° – 50°C, -26° to 60°C for 6 hours, per MIL STD
810G Method
501.5, Procedure III, and Method 502.5 Procedure II
Operating Relative Humidity: 15% – 95%, NC
Operating Altitude: Up to 15,000 ft
Transport/Storage Temperature:
-30° – 70°C
Shock: 75G per MIL STD 810G

Temperature

Two YSI 400/700 series-compatible channels
Range: 0° – 50°C (32° – 122°F)
Units: °C or °F
Display: T1, T2, and delta temp
Accuracy: ± 0.1°C (± 0.06°F) from
10 – 50°C (50° – 122°F) ± 0.2°C (± 0.11°F) from 0° – 10°C (32 – 50°F)

Printer

Waveforms Printed: 1, 2, or 3
Print Speeds: 25 mm/sec or 50 mm/sec
Print Modes: Manual or automatic (user configurable)
On/Off Control: Front panel or paddle
Paper Delay: 6 seconds
Frequency Response: Same as the monitor's settings
Paper Width: 80 mm

Specifications Continued

ECG Impedance Respiration

User-Selectable Leads: RA-LA, RA-LL
Breath Rate Range:
Adult/Pediatric modes: 2 – 150 breaths per minute
Neonate mode: 3 – 150 breaths per minute
Respiration Rate Accuracy: ± 2 breaths/ min or $\pm 2\%$
Sweep Speed: 3.13, 6.25, 12.5 mm/sec
Displayed Data: Numeric breath rate, impedance waveform
Alarm Setting: High, low, and no breath rate alarm

Invasive Pressure

Three channels
Pressure Range: -30 – 300 mmHg
Pulse Rate Measurement Range: 25 – 250 BPM
Formats: S/D, S/D (M), (M) user selectable
User-Selectable Labels: P1, P2, P3, ABP, AO, ART,
CVP, BAP, FAP, LAP, PAP, RAP, UAP, UVP, ICP
Transducer Requirements: 5 μ V/mmHg
Zero Adjustment: ± 200 mmHg
Numeric Pressure Accuracy: ± 2 mmHg or 2% of
reading, plus transducer error
Transducer Connector: Standard 6 pin AAMI