



The **Welch Allyn Propaq CS 246** is a multi-parameter patient monitor. It can measure 3-5 lead ECG, respiration, invasive and non-invasive blood pressure, and SpO₂. The Propaq CS 246 comes with an 8-inch color touch screen display that can show up to 4 waveforms at once. The patient monitor provides a full patient alarm system along with an apnea alarm setting. The monitor can be used for continuous monitoring of patients ranging from neonates, pediatrics, and adults.

Features

- 3 or 5-lead ECG monitoring.
- Continuous vital signs monitoring.
- Detects rate or absence of respiratory effort, deriving the signal by measuring the ac impedance between the selected terminals of the ECG electrodes.
- Noninvasive Blood Pressure (NIBP) monitoring.
- Invasive Blood Pressure monitoring.
- Temperature (TEMP) monitoring using and attachable probe.
- SpO₂, CO₂, and Recorder (Optional)



Specifications

Dimensions (Monitor)
Height: 8.2 in (20.8 cm)
Width: 9.6 in (24.4 cm)
Depth: 5.6 in (14.1 cm)
Weight: 7.6 lbs (3.4 kg)

Dimensions (Printer / SpO2 / MCO2)
Height: 11.4 in (28.8 cm)
Width: 9.6 in (24.4 cm)
Depth: 7.7 in (19.7 cm)
Weight: 14.4 lbs (6.5 kg)

Power
Mode of Operation: Continuous
Battery Type: Sealed, gel-type lead acid
Battery Recharge Time: 8 to 12 hours
Operating Time on Battery: 2 hours

Display
Type: Color active matrix; TFT (*Thin Film Transistor*) LCD Module
Resolution: 640 x 480 pixel
Active Viewing Area: 6.73 x 5.1 in. (17.09 x 12.96 cm)

Trends
Parameters: NIBP, P1, P2, T1, T2, ΔT , HR (heart rate/pulse rate), SpO2, End-tidal CO2, Inspired CO2, Breath Rate/Resp Rate. Assuming SpO2 and CO2 functions are present.
Duration: 5 hours for non-NIBP trends (up to 150 readings). A maximum of 128 readings (up to 8 hours) for NIBP trends.

Printer (Optional)
Operating Modes: Continuous, Snapshot, Auto Print, Auto Trend, Tabular Trend, Alarm Print, NIBP Ticket, Apnea Ticket, OxyCRG, OxyCRG on Alarm
Auto Print Intervals: 15 min, 30 min, 1 hour, 2 hours, 4 hours
Auto Trend Shifts: Once every 4 hours
Number of Waveforms: Up to three: ECG1, P1, P2, SpO2, CO2, RESP
Printing Speeds: 6.25, 12.5, 25.0 mm/s, simulated 6.25 mm/s for CO2 and RESP in Snapshot mode

