

Features

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- A white Welch Allyn Vmax 2000 pulse oximeter. The device features a blue display screen with four main sections: 'SYS' (systolic blood pressure), 'DIA' (diastolic blood pressure), 'SpO2 %' (oxygen saturation), and 'Pulse' (heart rate). Below the screen are several control buttons: 'On/Off' (power), 'Review' (left arrow), 'Auto' (circular arrow), 'Start/Stop' (hand icon), 'Limits' (bell icon), and 'Setup' (gear icon). A coiled cable with a blue and white probe is attached to the left side of the device.

Specifications

Physical Specifications

Dimensions: 6.6"H, 10.0" W, 6.0" D (16.8 x 25.4 x 15.2cm)

Weight: Approximately 5.4 lbs (2.4 kg)

Environmental

Operating Temperature: +50 °F to +104 °F (+10 °C to +40 °C (monitor)

Operating Relative Humidity: 15% to 90% (noncondensing)

Operating Altitude: -557 ft to +16,000 ft (-170 m to +4877 m)

Storage Temperature: -4°F to +122°F (-20°C to +50°C)

Storage Humidity: 15% to 95% (noncondensing)

Standards: IEC/EN 60601-1:1990 2nd Edition, A1:1992, A2:1995, IEC/EN 60601-1-2:2002, CAN/CSA No. 22.2:601.1 M90, IEC/EN 60601-2-30: 1999, EC/EN 60601-2-49: 2001, ASTM 1112-2000, EN 12470-3:2000

Power

AC power supply: 8 V DC at 0.75 A

Rechargeable sealed lead acid internal battery

Operating time: 8-12 hours depending on use

Battery recharge time: 90% in 12 hours

Simultaneously operates monitor and charges battery when AC power adapter is plugged in

Pulse Oximetry (SpO2) Masimo

Pulse Rate Range: 25 to 240 bpm

Pulse Rate Accuracy: ±3 bpm (no motion); ±5 bpm (motion); ±3 bpm (low perfusion)

Saturation Accuracy: 70% to 100%

Adult/Pediatric: ±2 digits (no motion); ±3 digits (motion); ±2 digits (low perfusion)

Neonate: ±3 digits (no motion); ±3 digits (motion); ±3 digits (low perfusion)

