



The **Dräger Infinity M300** is a hand-held pulse oximeter and patient monitor that has the ability to monitor ECG, Heart rate, SpO₂. The M300 system uses wireless network technology and a monitoring station to continuously monitor the patient even when out of range. The Dräger M300 can be used on patients from pediatrics to adults. With a color display and a built-in alarm system, you can easily see and respond to the patient's needs.

Features

- Built-in color screen with waveforms and vital sign values, providing local surveillance to augment monitoring at the Infinity CentralStation
- Visible and audible alarms that immediately alert you to changes in the patient's condition
- Integrated Arrhythmia Classification Expert (ACE®) and pacer detection algorithms
- Built-in SpO₂, eliminating the need for an additional pulse oximetry device or module
- Wi-Fi CERTIFIED technology for reliable data transfer on standard wireless networks
- Support for WPA2 encryption using 802.11 b/g



Specifications

Dimensions

Height: 5.6 In (14.2 cm)

Width: 3 In (7.6 cm)

Depth: 1.2 In (3.1 cm)

Weight: 10.5 oz (295 g)

Display

Size / Viewing Area: 2.2 In (5.5 cm) diagonal

Resolution: 220 x 176 pixels

Communications

Network: IEEE 802.11b/g/n (2.4 GHz); 802.11a/n (5 GHz)

Wireless Encryption: WPA2 – Personal Mode; WPA2 – Enterprise Mode

Radio Power Output: (2.4 GHz); 25mW maximum (5 GHz)

Battery

Power Source: Rechargeable 3.75 V lithium-ion battery

Battery Operating Time:

ECG only: 17 to 19 hours

ECG + Continuous SpO₂: 14 to 16 hours

Operation time varies according to use of display, alarm alerts, and wireless environment (roaming)

ECG

Adult / Pediatric

5-wire: I, II, III, aVR, aVL, aVF, V

6-wire: I, II, III, aVR, aVL, aVF, V, V+

6-wire with Infinity TruST 12-lead: I, II, III, aVR, aVL, aVF, dV1, V2, dV3, dV4, V5, dV6

Detected Events / Rhythms: Asystole, Ventricular Fibrillation, Ventricular Tachycardia, Bradycardia, Ventricular Run, Accelerated Idioventricular Rhythm, Supraventricular Tachycardia, Ventricular Couplet, Ventricular Bigeminy, Tachycardia, Pause, Artifact, PVC/min

Pacemaker

Detection Leads: I and (II or III)

Detection Amplitude: ± 2 to ± 700 mV

Detection Width: 0.1 to 2.0 ms

ST Segment Analysis

Leads Analyzed:

3-wire: I, II, or III

5-wire: I, II, III, aVR, aVL, aVF, V

6-wire: I, II, III, aVR, aVL, aVF, V, V+

6-wire with Infinity TruST 12-lead: I, II, III, aVR, aVL, aVF, dV1, V2, dV2, dV3, dV4, V5, dV6

Pulse Oximetry (Optional)

Parameter Display: Percentage of functional (oxygen-saturated) hemoglobin (%SpO₂); pulse rate

Measuring Method: Absorption-spectrophotometry