



The **GE Dash 5000** is a portable patient monitor. It has a built-in writer and can connect to the CARESCAPE network. It can connect with an optional wireless card, or by a wired ethernet connection. This unit can be used to monitor ECG, NIBP, impedance respiration, SpO2, and temperature. This Dash monitor optionally can monitor invasive pressure, BISx, and EtCO2.

Features

- Mainstream and low-flow sidestream CO2 measurement options for neonatal patients and adults.
- Highly configurable. Add features and parameters for different acuity levels.
- Advanced algorithms for all parameters.
- 12.1-inch display.
- Multiple mounting solutions.
- Wired or wireless ECG acquisition.



Specifications

Dimensions

Height: 11.3 in (28.7cm)

Width: 12.2 in (30.7 cm)

Depth: 9.4 in (23.9 cm)

Weight: 14 lbs. (6.4 kg)

Battery

Type: Exchangeable Lithium-Ion

Number of Batteries: Up to 2

Weight: 0.8 lbs (0.36 kg) each

Voltage: 11.1 V (nominal)

Capacity: 3520 mAh

Charge Time: Less than 4 hours each

Run Time: 2.5 hours (5.0 hours with 2)

Recorder

Method: Thermal dot array

Horizontal Resolution: 480 dots/in

Vertical Resolution: 200 dots/in

Waveform Channels: 4

Paper Width: 1.97 in (50 mm)

Paper Length: 100 ft (30 m)

Paper speed: 0.1, 0.5, 1, 5, 10, 12.5, 25, and 50 mm/sec

Display

Size: 12.1 in diagonal

Type: Color LCD

Resolution: 800x600 pixels

Number of Traces: 6

Sweep Speed: 6.25, 12.5 or 25 mm/sec

Parameter Blocks Displayed: Up to 10

Controls

Standard: Trim knob control plus 5 hard keys: Power, NBP Auto, Zero All, Silence Alarm/Admit, Print



Specifications

ECG

5 Leadwire Cable: I, II, III, V, aVR, aVL, and aVF
10 Leadwire Cable (12SL option): V2, V3, V4, V5 and V6
Voltage Range: ± 0.5 mV to ± 5 mV
Signal Width: 40 ms to 120 ms (Q to S)
Heart Rate Range: 30 to 300 BPM
Accuracy: $\pm 1\%$ or ± 1 BPM whichever is greater

Invasive Blood Pressure (Option)

Channels: 2
Transducer Sites: ART, FEM, PA, CVP, RA, LA, ICP, SP. In neonatal mode UCA, and UVC.
Range: -25 mmHg to 300 mmHg
Offset: ± 150 mmHg

Noninvasive Blood Pressure

Technique: Oscillometric
Displayed Parameters: Systolic, diastolic, and mean pressures, time of last measurement
Modes: Manual, auto, and stat in adult and OR modes; manual and auto in neonatal mode
Systolic Pressure Range: Adult: 30 to 285 mmHg; Pediatric: 30 to 235 mmHg; Neonatal: 30 to 140 mmHg
Diastolic Pressure Range: Adult: 10 to 220 mmHg; Pediatric: 10 to 210 mmHg; Neonatal: 10 to 110 mmHg
Mean Pressure Range: Adult: 20 to 260 mmHg; Pediatric: 20 to 220 mmHg; Neonatal: 20 to 125 mmHg
Cuff Pressure Range: Adult: 294 ± 6 mmHg; Pediatric: 250 ± 5 mmHg; Neonatal: 147 ± 3 mmHg
Heart Rate Detection: 30 to 200 beats per minute

BIS - Bispectral Index

Technology: Supports Aspect Medical BIS-x technology
Information Displayed: BIS, SQI, SR and SEF, EEG waveform
BIS Range: 0-100
Signal Quality Index (SQI) Range: 0-100
Suppression Ratio (SR) Range: 0-100%
Spectral Edge Frequency (SEF) Range: 0-30
Alarms: User selectable upper and lower BIS limits.



Specifications

GE Pulse SpO2

Measurement Range: Saturation: Pulse Rate: 0 - 100% SpO2; 30 - 250 beats per minute

Masimo SET SpO2

Measurement Range: Saturation: 30 to 100% SpO2; Pulse Rate: 25 to 240 beats per minute; Perfusion: 0.02 to 20%

Nellcor SpO2

Measurement Range: Saturation: 1 to 100% SpO2; Pulse Rate: 20 to 250 beats per minute; Perfusion: 0.03 to 20%

Cardiac Output (CO)

Range: Cardiac Output: 0.2 - 15 liters per minute; Blood Temperature: 30 - 42°C; Injectate Temperature: 0 - 30°C

Respiration

Range: Respiration rate: 0 - 200 breaths per minute; Base impedance: 100 - 1000 Ω at 52.6 kHz excitation frequency; Detection sensitivity: 0.4 to 10 Ω variation

Temperature

Temperature Range: 0°C to 45°C (32°F to 113°F)

Display Resolution: $\pm 0.1^\circ\text{C}$

Accuracy: $\pm 0.1^\circ\text{C}$ (25°C to 45°C) independent of sensor

Carbon Dioxide (CO2)

Measurement Technique: Non-dispersive infrared absorption, dual wavelength ratiometric

Sensor Type: Novamatrix Medical Systems' Capnostat III

Measurement Ranges: Pi CO2/Fi CO2: 0 to 100 mmHg/0 to 13%; Pe CO2/Fe CO2: 0 to 100 mmHg/0 to 13%; RR: 0 to 120 breaths/min

