



The **GE DASH 4000** is a portable patient monitor that has capabilities to measure ECG, NIBP, SpO₂ along with many other perimeters. The Dash 4000 can connect to the GE Carescape network either wired or wireless. The GE Dash 4000 patient monitor comes with a large 10.4-inch color screen. The GE Dash Monitor also offers 12-lead 12sl, EK-Pro arrhythmia, ST-Segment analysis, and A-fib Detection. With these advanced parameters, the GE Dash 4000 can deliver personalized care for each patient's situation. The Dash's lightweight and durable design makes it ideal for any situation including transport, ER, Surgical Centers, and the ICU.

Features

- Unmatched adaptability at the bedside.
- Modular flexibility
- Revolutionary chest pain care
- Early intervention in the NICU
- Gold standard NIBP accuracy
- Options: Agent Monitoring



Specifications

Dimensions

Height: 27.4 cm. Depth: 24.3 cm. Width: 29.3 cm.
Weight: 5.7 kg

Display

Size: 26 cm (diagonal).
Type: active-matrix color TFT.
Resolution: 640 by 480 pixels.
Number of traces: 6 maximum.
Number of seconds/trace: 4.9 at 25 mm/sec.
Sweep speed: 6.25, 12.5, 25 mm/sec (with erase bar).
Information window: displays non-real-time information without obstructing the display of real-time information.
Display organization: prioritized by parameter.

Controls

Trim Knob® control.
Five hard keys: silence alarm, graph go/stop, function (zero all) and power on/off.

Alarms

Categories: patient status and system status.
Priority: 4 levels – crisis, warning, advisory, and message.
Notification: audible and visual.
Setting: default and individual.
Silencing: 1 minute, current alarm only.
Pause: 5 minutes in adult ICU mode, 3 minutes in neonatal ICU mode, and 5, 15, or permanent pause in OR mode.
Volume: default 70%, 70 dB measured at 1 meter.

ECG

Standard leads available: I, II, III, V, aVR, aVL, and aVF. 10 lead wire cable: I, II, III, V, aVR, aVF, V2, V3, V4, V5, V6.
Leads analyzed simultaneously: I, II, III, and V (multi-lead mode).
Lead fail: identifies failed lead.
Alarms: user-selectable upper and lower heart rate limits.

Input Specifications

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.
Input impedance: common mode > 10 M Ω at 50/60 Hz, differential > 2.5 M Ω from dc to 60 Hz.
Common mode rejection: 90 dB minimum at 50 or 60 Hz

Invasive Blood Pressure

Number of channels: 2 (optional).
Transducer sites: arterial, femoral artery, pulmonary arterial, central venous, right atrial, left atrial, intracranial, and special.
Transducer requirements: 5 Vdc $\pm 0.1\%$ excitation voltage.
Transducer output: 5 μ V/V/mmHg. Input specifications – range: -25 mmHg to 300 mmHg, offset: ± 150 mmHg.
Output specifications – frequency response: dc to 50 Hz (-0/+2 Hz).
Zero balance range: ± 150 mmHg.
Zero balance accuracy: ± 1 mmHg.
Zero balance drift: ± 1 mmHg over 24 hours.
Accuracy: $\pm 2\%$ or ± 1 mmHg, whichever is greater.
Alarms: user-selectable upper and lower limits for systolic, diastolic, and mean pressures.

