



# POWERING YOUR PERFORMANCE

*B105M | B125M | B155M*

Modular Patient Monitors

## Advanced capabilities. Simple scalability. Integrated technology.

**B1x5M, B125M and B155M** represent an additional solution to GE Healthcare's monitoring platforms.

It delivers a premium clinical performance across various care areas inherited from decades of research and innovation done with customer support.

With B1x5M, you can monitor essential vital signs like ECG, SpO<sub>2</sub>, Temperature, Non Invasive Blood Pressure, Respiration and you can also easily scale up your monitoring capabilities using modules to monitor with precision respiratory gases and anesthetic agents, NMT and Entropy™ – with up to three advanced parameters simultaneously.

These precise, trustworthy, and easy-to-use monitors enable simple and intuitive workflows with a choice of 10-, 12- or 15- inch touch screen displays to address your clinical and workflow related challenges.



**Clinical  
precision**



**Scalable  
platform**



**Intuitive  
design**



**Integrated  
technologies**







## Legacy of premium clinical performance. Excellence of advanced features.

*Because every heartbeat counts...*

With decades of expertise designing advanced and proven clinical algorithms and measurement technologies, this range of monitors benefits parameter innovations. It features:

- DINAMAP™
- SuperSTAT™
- EK-Pro v14
- NMT
- Entropy
- Gas

The **B1x5M** range of modular patient monitors helps you quickly manage patient changing conditions like arrhythmias and high/low blood pressure, and efficiently assess the level of consciousness.

These monitors seamlessly integrate with your CARESCAPE Ecosystem to centralize patient data, alarms, and to automatically capture and document vital signs. It decreases manual tasks, unnecessary movements, and as a result, improving workflows.

B1x5M range allows you to effectively monitor deteriorating patient conditions and make timely interventions by tracking the **National Early Warning Score (NEWS)**.

Clinical decision tools like configurable **Ventricular Tachycardia, Full Arrhythmia Analysis,** and **Full Disclosure** will help you to increase your level of trust into patient monitors.

- ECG artifacts are a well know source of alarm fatigue and may impact your confidence, your clinical decisions. Using a new ECG filter, B1x5M may help reduce ECG noise and interferences that might be present with electrosurgical cautery units or severe electromyographic artifact.
- Advanced anesthesia monitoring using Entropy and Neuro Muscular Monitoring modules can reduce the consumption of anesthetic agents by up to **29%**<sup>1</sup> and help reduce unwanted events by up to **42%**<sup>2</sup>.
- Empowered with native **HL7**<sup>®</sup> capability, each monitor can be connected to your hospital network, sharing data with your EMR/CIS for a higher level of patient documentation and a good confidence into clinical decisions.

<sup>1</sup> Choi et al., 2010, Spectral entropy monitoring allowed sevoflurane concentration and faster recovery in children

<sup>2</sup> Gruenewald et al., 2007, M-Entropy guidance vs Standard practice during propofol -remifentanil anesthesia: a randomised controlled trial



## Flexible for versatile care. Scalable for growth.

*Deploy seamlessly for any patient setting.*

Built to perform, the **B1x5M** range of modular monitors can be deployed seamlessly across a variety of care settings and patients.

Its integrated and configurable layouts allow hemodynamics, airway gases, and expanded parameters to be displayed on a single screen.

A wide range of CARESCAPE™ sharable monitoring modules can help you to increase your monitoring capacity. These modules include:

- A multiparameter hemodynamic module for SpO<sub>2</sub> (GE TruSignal™, Masimo®, Nellcor™), NIPB, Temperature, and Invasive Pressure monitoring
- A module for Cardiac Output assessment
- A wide range of modules for monitoring respiratory gases and anaesthetic agents
- An Entropy module to monitor the level of consciousness
- A module for quantitative and automatic measurement of muscle response to stimuli
- A compact module for CO<sub>2</sub> side stream measurement

A single-slot frame and an optional two-slot external frame allow up to three modules to be connected simultaneously, enabling support across care areas and specialized departmental needs.

Advanced screen visibility at the bedside or remotely can be achieved from an additional screen and an HDMI port.

Connectivity and data continuity during intra hospital transports are supported with a Wi-Fi fast roaming mechanism. It helps to enhance mobility across facilities and reduce signal drop-offs.

Documentation at the bedside and during intra hospital transport may also be enhanced with an optional thermal printer.

As GE Healthcare is protecting your investment, these monitors are designed from an opened system architecture and be ready to integrate easily future innovations and technologies.





## Intuitive design. Efficient monitoring.

*Because you need Complete and Accurate information at your fingertips.*

**B1x5M** is a flexible platform helping you to customize and to configure your device per your requirements and care unit needs.

The simple and intuitive user interface allows you to quickly visualize all relevant information on main screen and on a remote display.

Customize your views with **large numeric and up to 12-waveforms** on a single screen. Multiple screen layout options and adjustable brightness will help you to capture key events.

**72 hours of full-disclosure** will help you to perform a retrospective analysis of trends and a more understandable picture of your patient health status.

It comes with a wide range of mounting solutions that allow the monitor to be mounted at the patient's bedside easily and offer a seamless transition for intra-hospital transport with minor efforts.

**B1x5M** patient monitors simplify the management of alarms and events.

Configure and tailor alarm management to your requirements. Easy alarm setup, latching alarms, and auto snapshot of the most critical alarms make monitoring simpler.

**AVOA** (Automatic View of Remote Beds in Alarm) and **Bed-to-Bed Views** gives you flexibility to remotely review and configure patient data even while caring for another critical patient. Your workflow is now becoming uninterrupted.

In complex and timely perioperative environments, the ability to visualize consciousness and neuro muscular activity monitoring **Entropy** and **NMT** on a single screen may help you for prompt and informed clinician actions.

**B1x5M** patient monitors are built in with advanced learning tools to streamline operations. An embedded e-manual and a smart-help tool will guide you for a fast setup and troubleshooting.

**Tough** for demanding duty. **Secure** for a cyber world.  
*Tried and tested for high performance, backed by remote support.*

Built with strong quality controls and highly resistant materials, each monitor is rigorously tested to perform even in high demanding care environments.

Lightweight and installed with a screen lock, intra-hospital transport and cleaning processes can be simplified and secured.

The intuitive user interface with its responsive capacitive touch screen enhances users' experience, providing an excellent sensitivity and a high confidence with operations done on screen.

In a connected world, Cybersecurity is one of the most important healthcare concerns. **B1x5M** range follows the FDA Draft Guidance for cybersecurity in medical devices to help your organization resist against multiple types of cyberattacks. The **WPA-Enterprise** and **WPA2-Enterprise** security mechanisms provide advanced data encryption and protection.

Tested with the electrical safety standards, each patient monitor is designed to handle external signal interferences. Signal performance may also be affected in noisy environments. Using a new **ECG filter**, B1x5M may help reduce ECG noise and artifacts.

As every monitor is required to operate **24/7**, GE Healthcare offers a complete range of remote services including remote diagnostics and repairs. These low-maintenance units deliver high uptime at an attractive and affordable cost.

**B1x5M** modular patient monitors are designed as scalable, flexible, and easy to operate. You can count on to simplify workflows and deliver premium clinical performance any time, in multiple care settings.

**Powering Your Performance**

*B105M / B125M / B155M Patient Monitors.*  
Precise. Intuitive. Scalable. Integrated.





Product may not be available in all countries and regions. Full product technical specifications are available upon request. Contact a GE Healthcare representative for more information. Please visit: [www.gehealthcare.com/promotional-locations](http://www.gehealthcare.com/promotional-locations)

Data subject to change.

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JB00339XE 11/2020 | B105M, B125M, and B155M VSP 3.0 monitors are not available in the U.S. and are not 510(k) cleared.