

Intelligent monitoring for perioperative care

CARESCAPE™ Patient Monitors



Monitors that deliver more than data.

CARESCAPE™ patient monitors are a family of scalable solutions that are customizable for all patient acuities and case types. Outfitted with innovative anesthesia software and measurement capabilities, CARESCAPE monitors help optimize patient care and throughput while a robust parameter set delivers the accuracy you need for proactive clinical decisions and enhanced outcomes.



FLEXIBLE DESIGN

Flexible options for software, hardware, additional displays and other capabilities let you build your system as your needs and budget allow.

Go with the flow.

With the CARESCAPE Patient Data Module, vital patient data can easily be moved from one monitor to the next. Providing continuous monitoring every step of the way, the PDM simplifies transport and enables data transfer from the pre-op to the PACU and beyond.



EXCEPTIONAL PARAMETERS ENABLED BY THE PDM INCLUDE:

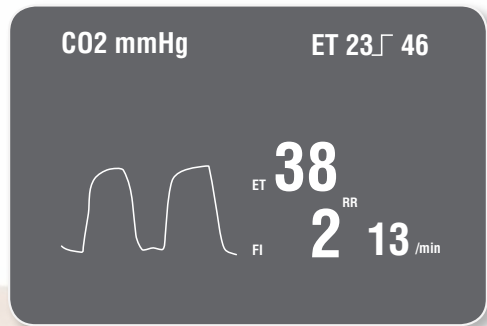
- EK-PRO arrhythmia monitoring with multi-lead simultaneous ECG analysis helps optimize the detection of lethal arrhythmias and other cardiac events. Plus Smart Lead Fail technology for continuous monitoring—even if a lead is lost
- Marquette™ 12 SL enables diagnostic twelve leads at the bedside and direct two-way communication to MUSE* for fast automated decision support
- ST segment analysis substantially improves the chance of detecting cardiac ischemic events
- Masimo® SET® and Nellcor™ OxiMax® SpO2 technology integration for your choice of industry leading pulse oximetry
- DINAMAP™ SuperSTAT NIBP utilizes GE patented “smart cuff” pressure control to improve measurement time, comfort and artifact rejection all while retaining the classic DINAMAP accuracy
- IntelliRate* continuously analyzes ECG, IBP and SpO2 to improve the accuracy and reliability of heart rate measurements and reduce false alarms
- Systolic pressure variation (SPV) and pulse pressure variation (PPV) help predict patient responsiveness and guide fluid therapy



History where it counts.

With integrated Datex-Ohmeda technology, CARESCAPE monitors bring a rich legacy of excellence designed specifically for the OR. As perioperative care grows increasingly complex, our unique technologies will provide a comprehensive view of your patient's state, adding clarity and quick decision support when seconds count.

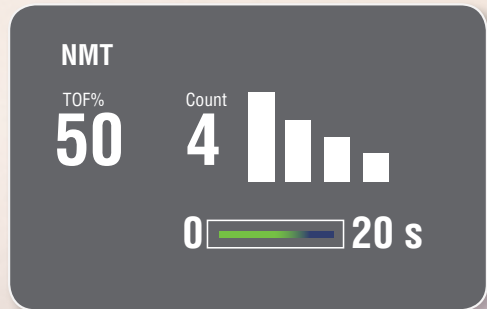
Gas Analysis Modules



GE Healthcare's gas analysis technology, developed by Datex-Ohmeda, is a family of dependable side stream, non-invasive gas modules that monitor more than 30 million adult, pediatric and neonatal patients each year.

#1 **DID YOU KNOW?** Datex Ohmeda developed the first commercial **CO2** monitor and **paramagnetic** oxygen sensor.

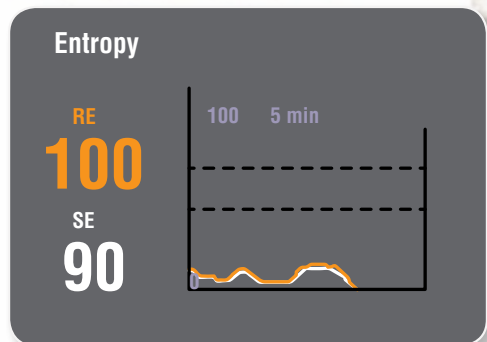
NMT Module



GE Healthcare's Neuromuscular Transmission (NMT) module provides integrated, objective and quantitative measurements that enable clinicians to tailor NMBA dosages, support maximized OR throughput, and help eliminate adverse clinical events attributed to residual paralysis.

DID YOU KNOW? **40% or 15M** patients arrive to the PACU with residual block each year.¹

Entropy Module



GE Healthcare's Entropy module provides continuous data on the patient's level of consciousness to help reduce agent consumption and accelerate patient recovery.

DID YOU KNOW? Response Entropy and State Entropy have shown significantly **less interference** from f-EMG and excellent resistance against artifacts.²

(1) *Murphy GS, Brull SJ. Residual neuromuscular block: Lessons unlearned. Part 1: Definitions, incidence, adverse psychological effects of residual neuromuscular block. *Anesth Analg* 2010;111:120-128
(2) Baulig, W, Seifert, B, Schmid, E R, Schwarz. Comparison of Spectral Entropy and Bispectral Index Electroencephalography in Coronary Artery Bypass Graft Surgery. *Journal of cardiothoracic and vascular anesthesia*. 2009; 24(4):544-549

Easy does it.

CARESCAPE patient monitors are easy to customize, configure and use, enabling you to focus where it matters most—on your patients. And the intuitive standard interface helps reduce training time—all while keeping you at the forefront of monitoring technology.

Simple.
Designed with ease of use as a priority

Flexible.
Tailor software, hardware and display configurations according to care area need and clinician preference

Intuitive.
Easily navigable menus and quick keys enable you to react fast to changing patient conditions

Smart.
Never lose sight of vital patient data while navigating menus



One perioperative solution.

Combined with a GE anesthesia delivery system, CARESCAPE patient monitors intelligently connect innovative parameters and advanced ventilation tools into a single integrated system that enables a streamlined clinical workflow and a focus on patient care. Partnering with GE Healthcare for all of your perioperative needs provides you with a one-stop solution now and into the future.

INTELLIGENT DESIGN



- Intelligent, integrated cockpit design
- Intuitively familiar interface and alarms
- Innovative technologies support reduced drug consumption and improved workflows
- Flexible mounting options
- Demonstrated connectivity to Epic, Cerner and other EMR vendors
- Data continuity across devices
- Up to 450+ data points on the monitor and anesthesia delivery system available for your EMR, analytics and research



Innovation at every step.



Features	CARESCAPE Monitor B850 Highly configurable	CARESCAPE Monitor B650 Efficient and ergonomic	CARESCAPE Monitor B450 Transportable and smart	Patient Data Module (PDM) Mobile and rugged
Screen size	19-in LCD	15-in. LCD	12-in. LCD	
Waveform display	Up to 8 individual Up to 14 with overlays	Up to 8 individual Up to 14 with overlays	Up to 6 individual Up to 12 with overlays	
Additional displays	3 independent; 2 clone	1 clone	1 independent	
Touchscreen	Yes	Yes	Yes	
Trim Knob™	Yes	Yes	No	
Weight	16.5 lbs. (CPU only)	21.6 lbs.	11 lbs.	
Additional module slots	Up to 7	2	1	
Printer type	4 Channel	3 Channel integrated	3 Channel integrated	
Remote control**	Yes	Yes	Yes	
Wireless (WLAN)**	No	Yes	Yes	
Bed-to-bed viewing	Yes	Yes	Yes	
Carescape central station	Yes	Yes	Yes	
CARESCAPE Gateway	Yes	Yes	Yes	
Remote service (InSite)	Yes	Yes	Yes	
12-lead at the bedside**	Yes	Yes	Yes	
Battery	N/A	1 lithium ion 1-2 hr operating time*	1 or 2 lithium ion 1-2 hr operating time each*	
Remote access and data viewing	Yes	Yes	Yes	

- Clinical capabilities**
- DINAMAP SuperSTAT non-invasive blood pressure (NIBP)
 - Masimo SET® or Nellcor® OxiMax® SpO₂
 - Four invasive blood pressures
 - Two temperatures/cardiac output
 - ECG/Respiration
 - Defibrillator sync/analog out interface

- Lithium ion battery**
- Charge time: Approximately 2.5 hours
 - Run time: Approximately 1.5 hours

Dimensions (H x W x D)
7.0 x 14.6 x 21.6 cm (2.75 x 5.75 x 8.5 in)

Weight
1.1 kg (2.5 lb) without battery and
1.3 kg (2.8 lb) with battery

Available Modules	Clinical Measurement(s)
E-COP/E-COPsv	Cardiac output, venous oxygenation
E-PiCCO	Continuous cardiac output
Expansion modules	Invasive pressures, temperature, SpO ₂
Entropy	GEHC level of consciousness
NMT	Neuromuscular monitoring
BisX	Level of consciousness
EEG	4 Channel EEG
E-sCO ₂ , E-sCAiO ₂ , E-sCOVX, E-sCAiOVX	O ₂ , CO ₂ , N ₂ O, anesthetic agent, spirometry, metabolics

* Operating time dependent on monitor configuration
** Indicates optional feature



About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter – great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

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