

Carescape Canvas 1000 patient monitor

Match your excellence



Carescape Canvas™ is a FlexAcuity™ monitoring platform for your entire hospital ecosystem. It offers individualized monitoring of patients and bed-specific scalable levels of acuity while retaining the same, intuitive and familiar user experience everywhere.

Care team coordination

- One software solution that adapts to the unique needs of any care environment, supporting a wide range of clinical requirements.
- Innovative algorithms aid in accurate diagnoses, including EK-Pro arrhythmia analysis, DINAMAP™ non-invasive blood pressure, TruSignal RRsv™ algorithms, and 12 SL™ diagnostic ECG with direct 2-way MUSE™ version NX ECG database.
- Exceptional alarm functionality provides flexibility in setting alarm limits and priorities which may help reduce alarm fatigue.
- Customizable UX across care areas may help reduce errors, enabling better patient care.
- Streamlined intra-hospital transport with Carescape ONE monitor provides continuous and consistent measurements during transport.

Workflow efficiencies

- Scale up or scale down based on changing patient acuities and evolving healthcare landscapes.
- Connectivity with the Carescape Gateway enables communications to EMR systems via standard HL7® protocol, ensuring comprehensive and up-to-date patient records.
- Connection to Carescape Network and Carescape Central Station allows monitoring to continue beyond bedside.

An ecosystem that evolves with your enterprise

- With backwards compatibility, Carescape integrates with existing GE HealthCare monitoring technologies, with minimal effect to your capital budget.
- Downtime is minimized through individual components that can be replaced or upgraded without disrupting the entire platform.
- Multi Monitor Manager feature enables you to remotely upgrade, configure and secure your monitoring solutions.
- Two-year preventive maintenance schedule that may help reduce service costs.
- Flexible warranty and service offerings are customizable to meet your needs.

Technical specifications

Carescape Canvas 1000 Monitor

Software options

Main software	Care-area specific software versions to optimize workflows: OR, PACU, ICU, ED, NICU
Other software options	Extended software options specific to each main software package

Networking

Compatibility	Carescape Network with peer-to-peer communication
Features	Centralized viewing and remote alarm management with bed-to-bed viewing and Auto View on Alarm (AVOA) functionality

Network type	LAN
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I/O connectors

Ethernet	Carescape Canvas 1000 has 3 Ethernet ports: MC - 10/100/1000 BASE-T IX - 10/100/1000 BASE-T Unity Network™ - 10 BASE-T
USB 2.0 port	5 x USB type A
ePort	2 x ePort interfaces (DB9)
Serial Port	Available via USB converter
Display	DisplayPort
Thermal printer	Through F2 frame
Equipotential connector	DIN 42801 equipotential ground stud

Characteristics

Size	19 in (diagonal)
Type	Active matrix color TFT, optically bonded LCD
Brightness	250 cd/m ²
Resolution	1280x1024 @ 60Hz SXGA
Viewing angle	160 degree horizontal/vertical
LCD Panel Contrast ratio	700:1

Controls

Touch screen	Capacitive technology
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Degree of protection against harmful ingress of water

IP22

Waveforms

Based on configuration. Standard view includes up to 8 individual waveforms, and up to 10 waveforms, if combined waveforms for invasive blood pressure is selected. Additional clinical display allows doubling the amount.

Numerics

Classic view - up to 32 (without waveforms). Box view up to 8. Additional clinical display allows doubling the amount.

Carescape Canvas D19 Display

Size	19 in (diagonal)
Type	Active matrix color TFT, optically bonded LCD
Brightness	250 cd/m ²
Resolution	1280x1024 @ 60Hz SXGA
Viewing angle	160 degree horizontal/vertical
LCD panel contrast ratio	700:1

I/O connectors

Equipotential connector	DIN 42801 equipotential ground stud
Video connector	DisplayPort

Frames

Target use and support modules

F0	Carescape ONE monitor
F2	Stand-alone use; E-modules, Carescape ONE monitor, F2-01 local recorder
F5	Stand-alone use; E-modules, Carescape Patient Data Module
F7	Aespire™, Aestiva™, Aisys™, Aisys CS ² , Avance™, Avance CS ² Carestation™ anesthesia machines, E-modules

Frames are ordered separately.

Parameters and modules

Parameters	Carescape ONE
ECG with Impedance respiration	3, 5, 6 and 10 leadwires
SpO ₂	GE HealthCare TruSignal™, Nellcor™ OxiMax™
SpO ₂ with Pi and PVi ^①	Masimo rainbow® SET®
SpHb ^①	Masimo rainbow SET®
NIBP	GE HealthCare DINAMAP™ SuperSTAT™ algorithm
InvBP	2 or 4 channels for invasive pressures
Temp	2 channels for temperatures
CO ₂	Microstream™ capnography, Medtronic
rSO ₂ ¹	INVOS™ regional oximetry, Medtronic

¹ PVi is visible only on Carescape Canvas host display and only when corresponding PPVi license is available. PVi, Pi, SpHb and rSO₂ are not available on Carescape ONE, when Carescape ONE is disconnected from Canvas host. Carescape Canvas 1000 v4.0 monitor is compatible with Carescape ONE SW v3.0, 3.2 and v4.0. Pi, PVi, SpHb, INVOS rSO₂ and Microstream CO₂ are available on Carescape ONE SW v3.2 and v4.0.

Parameters	Carescape Patient Data Module (PDM)
ECG	3, 5, 6 and 10 leadwires
SpO ₂	Masimo SET®, Nellcor™ OxiMax™
NIBP	DINAMAP™ SuperSTAT™ algorithm
InvBP	4
Temp	2, Optional with C.O.
Cardiac output	Optional with temperature

Carescape ONE monitor, micro-modules, and Carescape Patient Data Module are ordered separately.

Parameters	E-Modules
Multi parameter modules	
InvBP	E-PP, E-PT
C.O.	E-COP
Single parameter modules	
SpO ₂	E-NSATX, E-MASIMO
NMT	E-NMT
CCO	E-PiCCO
EEG	E-EEGX
BIS™	E-BIS
Entropy™	E-ENTROPY
Respiratory ¹	
Sidestream CO ₂	E-miniC
Sidestream CO ₂ & O ₂	E-sCO, E-sCOV
Sidestream CO ₂ , O ₂ , Agents & N ₂ O	E-sCAiO, E-sCAiOV, E-sCAiOE, E-sCAiOVE, E-sCAiOVX
Patient Spirometry	E-sCOV, E-sCOVX, E-sCAiOV, E-sCAiOVE, E-sCAiOVX
Gas exchange or metabolics	E-sCOVX, E-sCAiOVX
Interfaced Carescape micro-modules	
Microstream™ capnography from Medtronic	E-musb & Carescape CO ₂ - Microstream
INVOS™ regional oximetry from Medtronic	E-musb & INVOS rSO ₂

Micro-modules are ordered separately.

NOTE: For a complete list of compatible devices, please refer to the supplemental information provided.

Performance specifications

Alarms

Categories	Patient status and system status
Priority	High, Medium, Low, Escalating and Informational
	In accordance with IEC 60601-1-8
Notification	Audible and visual
Audio pause	Configurable for 2 or 5 minutes
Trend	
1 min resolution	72h
10 s resolution	30min
2 s resolution	24h
1 s resolution	24h
Snapshot	
15 s Waveform	400 snapshots
ST	10 snapshots
Events	999 events

Thermal recorder

Optional, Frame 2 attached thermal recorder F2-01 LOCAL RECORDER, to be ordered separately.

Mounting

VESA compatible

Power specifications

Power supply

Universal input voltage range	100 to 240 Vac ±10%, 50/60 Hz
Power consumption	
Carescape Canvas 1000	70 VA, typical <70 VA ²
Carescape Canvas D19	50 VA
Protection class	Class I
Grounding	Hospital grade
Cooling	Natural convection – no fans

¹ Acronyms for the parameters measured are as follows:
s = Single-width module, C = CO₂ and N₂O, Ai = Anesthetic agents and agent identification, O = Patient O₂, V = Patient Spirometry, E = fresh gas sample connector for some anesthesia machine applications, X = Gas Exchange metabolics VO₂, VCO₂, RQ and EE

² Extreme clinical measurement configuration with full F5 frame and fully loaded ONE monitor.

Environmental specifications

For entire system, including monitor, frames, modules, displays, keyboard and remote control.

Operating conditions

Temperature	10 to 40°C (50 to 104°F)
Operating humidity	15 to 90% RH non-condensing
Operating altitude	700 mbar to 1060 mbar (3000 m to -400 m)

Non-operating conditions

Temperature	-20 to 60°C (-4 to 140°F)
Non-operating humidity	10 to 90% RH non-condensing
Non-operating altitude	500 mbar to 1060 mbar (5500 m to -400 m)

Storage conditions

Temperature	-20 to 60°C (-4 to 140°F)
Storage humidity	10 to 90% RH non-condensing
Storage altitude	500 mbar to 1060 mbar (5500 m to -400 m)

Physical specifications

Carescape Canvas 1000 monitor

Size (H x W x D)	388 x 440 x 126 mm (15.3 x 17.3 x 5.0 in)
Weight	7.5 kg (16.5 lb)

Not all products or features are available in all markets. Full product technical specification is available upon request. Contact a GE HealthCare Representative for more information. Please visit www.gehealthcare.com.

Data subject to change.

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Carescape Canvas 1000, Version 5958112, version 1
Carescape Canvas D19, version: 5897061

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Carescape Canvas D19 Display

Size (H x W x D)	388 x 440 x 126 mm (15.3 x 17.3 x 5.0 in)
Weight	7.1 kg (15.7 lb)

F0 Dock

Size (H x W x D)	9.0 cm x 21.0 cm x 7.5 cm (3.5 in x 8.3 in x 3.0 in)
Weight	< 0.5 kg (1.0 lb)

F2 frame without modules and cables

Size (H x W x D)	160 x 284 x 165 mm (6.3 x 11.2 x 6.5 in)
Weight	< 2.4 kg (5.29 lb)

F5 frame without modules and cables

Size (H x W x D)	162 x 290 x 225 mm (6.4 x 11.4 x 8.9 in)
Weight	3 kg (6.6 lb)

F7 frame without modules and cables

Size (H x W x D)	138 x 314 x 215 mm (5.4 x 12.4 x 8.5 in)
Weight	3 kg (6.6 lb)

Sustainability specifications

Percentage of Green energy for production site	100% when country of origin is Finland
Manufacturing site green energy	ISO14001
EU RoHS compliant	Yes
Device estimated lifetime with wear and tear	7 years
Features to support Sustainability	Standby mode, Adequacy of Anesthesia (Entropy, NMT) prevents a clinician from giving excessive Anesthetic agents to the patients
Percentage of spare parts	100%
Material composition (% per product weight)	36% Metals (100% recyclable) 18% Plastics (100% recyclable) 46% Electronics and circuit boards
Packaging materials (% per weight)	95% Cardboard (100% recyclable) 1.5% Plastics (100% recyclable) 3.5% Other (Silica gel desiccant)



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