

DateX-Ohmeda Anesthesia Monitor

Comprehensive monitoring for the challenging
Anesthesia environment



The Anesthesia Monitor offers a flexible range of monitoring parameters, module frame options and displays, workstation configurability, transparent device integration and data transfer.

Features - Module frames and displays

- Two module frame options: five single module slots (F-CU5(P)) or eight single module slots (F-CU8)
- Insertion and removal of plug-in parameter modules without interrupting other monitoring
- Removable ComBar and Remote Controller with ComWheel™ bring monitor controls close to the user
- Support for user-configurable additional screens with identical or independent waveform and numerical information
- Selection of three flat-screen displays
- Wide range of mounting elements for the system components

Features - User Interface and software

- Anesthesia care dedicated user interface, quick access to parameter data and alarm management functions
- User-configurable display layout and colors to support up to eight waveforms
- Up to 24-hour graphical and numerical trends
- Minitrends, split screen and four user-configurable graphical trend pages
- Comprehensive range of advanced clinical parameters and optional extended arrhythmia analysis
- Help function for quick user guidance
- Six user-configurable modes with pre-configured settings
- Support for the device interfacing solution (DIS)
- Scalable networking, viewing, storing and export of patient data through iCentral



Technical specifications - displays

12-in color LCD display, D-LCC12A

12-in color LCD display with integrated Command Board and ComWheel

Display size	12.1-in diagonal
Display type	Active matrix color TFT LCD
Display resolution	SVGA, 800 x 600
Dimensions (H x W x D)	26.5 x 31.5 x 6.8 cm (10.4 x 12.4 x 2.7 in)
Weight	2.75 kg (6.1 lb)
Mounting	Can be mounted to desk stand, wall, or to various anesthesia machines
Power supply to display	Power supply from Central Unit

Integrated Command Board with monitor controls, menu keys and ComWheel for selections and adjustments in menus

15-in color LCD display, M1138310

15-in color LCD display with removable ComBar and ComWheel

Display size	15-in diagonal
Display type	Active matrix color TFT LCD
Display resolution	XGA, 1024 x 768
Dimensions (H x W x D)	37.1 x 37.5 x 24.7 cm (14.6 x 14.8 x 9.7 in)
Weight	8.6 kg (18.9 lb)
Mounting	Can be mounted to desk stand, wall, or to various anesthesia machines
Power supply to display	Display needs its own power cable
Rated voltages and frequencies	100 to 250 V, 50/60 Hz

Removable ComBar with monitor controls, menu keys and ComWheel for selections and adjustments in menus

19-in color LCD display, M1063774

Display size	19-in diagonal
Display type	Active matrix color TFT LCD
Display resolution	SXGA, 1280 x 1024
Dimensions (H x W x D)	46.7 x 43.2 x 25.1 cm (18.4 x 17 x 9.9 in)
Weight	8.7 kg (19.2 lb) with desk stand
Mounting	Desk stand, mounting arm to wall and ceiling mount
Power supply to display	Display needs its own power cable
Rated voltages and frequencies	100 to 250 V, 50/60 Hz
Display controller	Requires B-DISPX

Mounting options

LCD Display	
Wall mount	M1001552
Flush wall mount	M1001704
Ceiling mount	M1001527
Pedestal mount	M1001703
Pivot wall mount	M1001542

Not all mounting options are available for all displays. Please check with the local representative for availability.

Technical specifications - frames

Central units

Module capacity	5 single module slots (F-CU5) or 5 single module slots with integrated PSM support (F-CU5P) or 8 single module slots (F-CU8)
I/O connections	RS-232 computer serial port, parallel printer port
Interface capabilities	Support for DIS

Display support

F-CU5(P)	Up to two independent displays
F-CU8	Up to three independent displays

F-CU5, 5-Module frame

Dimensions with airway module (H x W x D)	142.5 x 244 x 297 mm (5.6 x 9.6 x 11.7 in)
--	---

Weight (without modules)	2.5 kg (5.5 lb)
-----------------------------	-----------------

F-CU5P, 5-Module frame with PSM support

Dimensions with airway module and PSM (H x W x D)	142.5 x 295 x 297 mm (5.6 x 11.6 x 11.7 in)
--	--

Weight (without modules)	2.5 kg (5.5 lb)
-----------------------------	-----------------

F-CPU, central processing unit for F-CU5(P)

Dimensions (H x W x D)	92 x 244 x 224.5 mm (3.6 x 9.6 x 8.8 in)
------------------------	---

Weight	3.1 kg (6.8 lb)
--------	-----------------

Signal cable between F-CPU and F-CU5(P)

- M1021337, 30 cm (12 in)
- M1021338, 3.0 m (10 ft)
- M1021339, 10.0 m (33 ft)

F-CU8 Central unit, 8 module frame

Dimensions with airway module (H x W x D)	135 x 315 x 460 mm (5.3 x 12.4 x 18.1 in)
--	--

Weight (without modules)	9.1 kg (20 lb)
-----------------------------	----------------

Laser printing capabilities with most PCL 5
compatible printers

Expansion slots for additional boards to

- Connect additional displays
- Connect Anesthesia Record Keeping keyboard

Extension frames

F-CU5 Central Unit F-CPU can support two F-CU5 frames.
Connection cable lengths are 30 cm, 3 m and 10 m.
The second F-CU5 frame can be mounted in the same way as
one single F-CU5.

4-module Extension frame F-EXT4, for F-CU8

Dimensions (H x W x D)	137 x 160 x 205 mm (5.4 x 6.3 x 8.1 in)
------------------------	--

Depth with modules	235 mm (9.3 in)
--------------------	-----------------

Weight (without modules)	1.3 kg (3 lb)
-----------------------------	---------------

Extension frame is mountable to vertical or horizontal poles.

E-EXT Extension module for F-CU8

Dimensions (H x W x D)	112 x 37 x 186 mm (4.4 x 1.5 x 7.3 in)
------------------------	---

Weight	0.55 kg (1.2 lb)
--------	------------------

Extension module, E-EXT, is used to connect extension frame
F-EXT4 to Anesthesia Monitor Central Unit F-CU8. The
Extension module occupies one module slot in the central
unit. Connection cable length is 3 m (10 ft.)

Technical specifications - power supply

(Central Units F-CU5(P) and F-CU8)

N-AC, F-CU5(P) power unit

Dimensions (H x W x D)	78.5 x 66 x 238 mm (3.1 x 2.6 x 9.4 in)
Weight	1.1 kg (2.4 lb)

F-CU5(P)

Rated voltages and frequencies	100-240 V 50/60Hz
Allowed voltage fluctuations	100 V -10% to 240 V +10%
Maximum power consumption	150 VA
Safety class	Class I
Grounding	Hospital grade

Power cable between N-AC and F-CPU

- M1021340, 40 cm (16 in)
- M1021341, 2.7 m (9 ft)

F-CU8

Rated voltages and frequencies	100 V 50/60Hz 110-120 V 50/60Hz 220-240 V 50/60Hz
Allowed voltage fluctuations	100 V \pm 10% 110 V -10% to 120 V +10% 220 V -10% to 240 V +10%
Maximum power consumption	160 VA
Safety class	Class I
Grounding	Hospital grade

Environmental specifications

Operating temperature	10° to 35°C/50° to 95°F
Storage temperature	-10° to 50°C/14° to 122°F
Relative humidity	10 to 90% noncondensing (in airway 0 to 100% condensing)
Atmospheric pressure	660 to 1060 mbar/ 500 to 800 mmHg

Certification *(apply also to parameter modules)*

IEC 60601-1 approved with exceptions
CE marking according to Directive 93/42/ EEC
CSA C22.2.No, 601.1 approved
Meets UL 2601-1 specifications

Features - Trends

- Graphical trends: all measured parameters, 8 selectable trend lengths from 20 minutes to 24 hours
- Numerical trends: for selected continuous parameters sampled every five minutes. NIBP, PCWP and CO updated to trends after measurement, or after pressing Mark Event key
- Trend cursor in both graphical and numerical trends
- Four user-configurable graphical trend pages

Features - Alarms

- Alarm system classified into three categories according to priority in anesthesia; color and audio tone coded
- A dedicated page for displaying and adjusting alarm limits
- 10-minute graphical mini trends referenced to set alarm limits
- Automatic alarm limits function: alarm limits automatically calculated from current parameter reading when selected
- Alarms history page

© 2009 General Electric Company – All rights reserved.
GE and GE Monogram are trademarks of
General Electric Company.

ComWheel is a trademark of GE Healthcare Finland Oy.

GE Healthcare Finland Oy, a General Electric company,
doing business as GE Healthcare.

About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality and efficiency around the world.

GE Healthcare
P.O. Box 900, FIN-00031 GE, Finland
Tel. +358 10 394 11
Fax +358 9 146 3310

www.gehealthcare.com



GE imagination at work