

Datex-Ohmeda Anesthesia Monitor

Comprehensive monitoring for the challenging
Anesthesia environment



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 module slots (F-CU5(P)) or eight module slots (F-CU8)
- Additional module space for four module slots with extension frame in 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 second and third screen with identical or independent waveform and numerical information
- Wide selection of 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 dedicated and alarm management
- 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
- Extended arrhythmia analysis and comprehensive range of advanced clinical parameters
- Help function for quick user guidance
- Six user-configurable modes with pre-configured settings
- Support for the DIS Interfacing solution
- Scalable networking, viewing, storing and export of patient data through iCentral



Technical Data

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, 800x600
Dimensions (WxDxH)	315 x 68 x 265 mm/ 12.4 x 2.7 x 10.4 in
Weight	2.75 kg/6.1 lb
Mounting	Can be mounted to desk stand, wall, or to various anesthesia machines
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, D-LCC15

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 (WxDxH)	409 x 246 x 381 mm/ 16.1 x 9.7 x 15.0 in
Weight	6.6 kg/14.5 lb
Mounting	Can be mounted to desk stand, wall, or to various anesthesia machines
Power supply to display	Display needs its own power cable

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, Medical grade
Display resolution	SXGA, 1280 x 1024
Dimensions (WxDxH)	432 x 251 x 467 mm/ 17.3 x 10.0 x 18.7 in
Weight	11.4 kg/26.0 lb with desk stand
Mounting	Can be ceiling or wall mounted
Power supply to display	External approved isolation transformer 120 VA
Rated voltages and frequencies	100-250 V, 50/60 Hz

Requires display controller B-DISPX.

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

N-AC, F-CU5(P) Power Unit

Dimensions (WxDxH)	66 x 238 x 78.5 mm/ 2.6 x 9.4 x 3.1 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 ±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

Central Units

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

F-CU5, 5-Module Frame

Dimensions with airway module (WxDxH)	244 x 297 x 142.5 mm/ 9.6 x 11.7 x 5.6 in
Weight (without modules)	2.5 kg/5.5 lb

F-CU5P, 5-Module Frame with PSM support

Dimensions with airway module and PSM (WxDxH)	295 x 297 x 142.5 mm/ 11.6 x 11.7 x 5.6 in
Weight (without modules)	2.5 kg/5.5 lb

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

Dimensions (WxDxH)	244 x 224.5 x 92 mm/ 9.6 x 8.8 x 3.6 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 (WxDxH) 315 x 460 x 135 mm/
12.4 x 18.1 x 5.3 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 (WxDxH) 160 x 205 x 137 mm/
6.3 x 8.1 x 5.4 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 (WxDxH) 37 x 186 x 112 mm/
1.5 x 7.3 x 4.4 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.

Environmental conditions

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

Safety standards (apply also to parameter modules)

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

Trends

- Graphical trends: all measured parameters, 8 selectable trend lengths from 20 minutes to 24 hours
- Numerical trends: for selected continuous parameters sampled every 5 minutes. NIBP, PCWP and C.O. 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

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

Ordering information

Description	Order code
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5-Module frame	F-CU5
5-Module frame with PSM support	F-CU5P
Central Processing Unit for F-CU5(P)	F-CPU
Power Unit for F-CU5(P)	N-AC
8-Module Frame	F-CU8
12 inch LCD Display	D-LCC12A
15 inch LCD Display	D-LCC15
19 inch LCD Display	M1063774
ComBar	K-ANEB
Display Controller	B-DISPX
Anesthesia Software License	L-ANE05
Anesthesia Software License w/ Extended Arrhythmia Analysis	L-ANE05A
Remote Controller	K-REMCO
Remote Controller Holder	8000065
Extension Frame	F-EXT4
Extension Module	E-EXT

For accessories, please refer to the Accessories and Supplies catalog. For upgrading details, please refer to LIFE upgrade program.

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Healthcare Re-imagined

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, and biopharmaceutical manufacturing technologies is enabling healthcare professionals around the world discover new ways to predict, diagnose and treat disease earlier. We call this model of care “Early Health.” The goal: to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest. Re-think, Re-discover, Re-invent, Re-imagine.

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