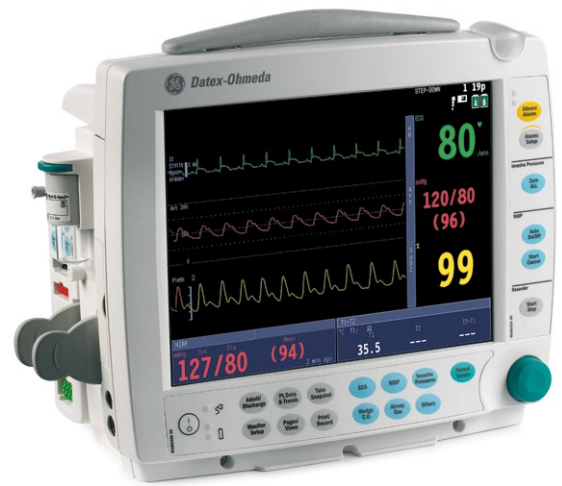


Datex-Ohmeda FM

A compact, modular monitor using a patient side module, (E-PSM(P)) together with FM-specific extension modules (N-FREC, N-FCREC, N-FC)



The FM monitor offers a variety of innovative clinical solutions and a comprehensive range of standard and optional parameters for a more complete picture of your patient.

Features

- Exceptionally suited for emergency and intermediate care monitoring
- Optional extended arrhythmia analysis
- Small-footprint bedside and transport monitor with large 10.4-inch color display
- Large waveforms and numerics for easy viewing from long distances and multiple viewing angles
- Up to six waveforms and four numerical digit fields can be displayed
- 72-hour graphical and numerical trends can be displayed and used to access historical data
- Color-coded prioritized and adjustable alarms that can be managed at the monitor or optionally from the S/5 Network and iCentral
- Alarm light visible from a distance
- Store waveform snapshots and recall waveform samples for later analysis
- User-friendly interface
- On-line help for menu functions
- Easily detachable extension module and Patient Side Module
- Comprehensive drug calculator to determine infusion rates
- Wall mount, roll stand and table top available for easy workplace configuration
- Compatible with S/5 Network and iCentral for monitor-to-monitor communication and centralized viewing
- Built-in wireless networking (WLAN) option



Technical specifications

Display

Display size	10.4-in diagonal
Display type	Active matrix color TFT LCD
Display resolution	SVGA resolution, 800 x 600
Number of waveform fields	Up to 6
Number of digit fields	Up to 4
Display layout and colors	User-configurable
Integrated Command Board with direct function keys, menu keys and ComWheel for selections and adjustments in menus	

Frame

Parameter modules

Extension module for FM	N-FC or N-FCREC or N-FREC*
Patient Side Module	E-PSM or E-PSMP*
I/O connections	RS-232 computer serial output, remote controller, defibrillation synch, ECG and IBP analog outputs, Nurse call
Device interfacing solution	Connector for up to 4 simultaneous DIS interfaces
Network	Compatible with S/5 Network and iCentral for monitor-to-monitor communication, centralized viewing and remote alarm management
Wireless network option	Allows the monitor to utilize wireless network (WLAN) for centralized monitoring
MemCard	To transfer trended data of patient vital signs from FM monitor to other monitors
Printing	Laser printing capabilities: with serial printer supporting PCL5 language or network printer (serial/parallel converter, additional accessory)
Mounting options	Table top, wall mount and roll stand, GCX compatible

See module specification sheet for more information on available parameters.

Performance specifications

Trends

Graphical	All parameters, selectable times from 30 minutes to 72 hours
Numerical	All parameters, sampled every 5 minutes, after NIBP and PCWP measurement and with marker generated by user
Trend cursor	In both graphical and numerical trends
Minitrends	5- or 30-minute minitrends can be displayed for a continuous historical view

Alarms

Classification	Alarm system classified into three categories according to priority in critical care; color and audio tone coded
Adjustment	Central alarm display and adjustment page
Trending	10-minute graphical mini trends referenced to set alarm limits

Modes

Modes	Up to 6 user-configurable modes for care-specific configurations
Pages	Up to 6 user-configurable display pages for each mode

Power specifications

Rated voltage range and frequencies	100 to 240V \pm 10%, 50/60 Hz
Power consumption	150 VA (max)
Safety class	Class I

Battery

Type	Exchangeable lithium-Ion, 2 pcs
Operation time	Up to 4.5 hours (F-FM with PSM) at 23°C (73°F)
Recharging	When connected to main power
Charging time	2.5 hours per battery
Battery operation alarm	
Early warning	"Battery low" note
Final warning	"Battery empty" alarm
Battery state indicator	Battery bar displayed on the screen, fuel gauge on battery

Environmental specifications

Operating temperature	
Normal operation	10° to 40°C (50° to 104 °F)
While charging batteries	10° to 35°C (50° to 95°F)
Storage temperature	-20° to 60°C (57° to 140°F)
Relative humidity	10 to 90% non-condensing

Physical specifications

Dimensions (HxWxD)	
Handle up	
w/o modules	30.2 x 30.2 x 14.3 cm (11.9 x 11.9 x 5.6 in)
w/ N-FREC	30.2 x 33.7 x 15.6 cm (11.9 x 13.3 x 6.1 in)
w/ N-FREC and PSM	30.2 x 33.7 x 20.0 cm (11.9 x 13.3 x 7.9 in)
Handle down	
w/o modules	27.4 x 30.2 x 14.3 cm (10.8 x 11.9 x 5.6 in)
w/ N-FREC	27.4 x 33.7 x 15.6 cm (10.8 x 13.3 x 6.1 in)
w/ N-FREC and PSM	27.4 x 33.7 x 20.0 cm (10.8 x 13.3 x 7.9 in)
Weight	
w/o modules	5.0 kg (11.0 lb)
with PSM	5.6 kg (12.3 lb)
with N-FREC and PSM	6.6 kg (14.6 lb)

Certifications

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

For parameter modules, please refer to separate GE Healthcare parameter module technical specifications sheets.

For accessories, please refer to the Accessories and Supplies catalog and Datex-Ohmeda FM supplies and accessories catalog.

Note: Datex-Ohmeda FM is not available in all countries. Please check the availability from your local representative.

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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.

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