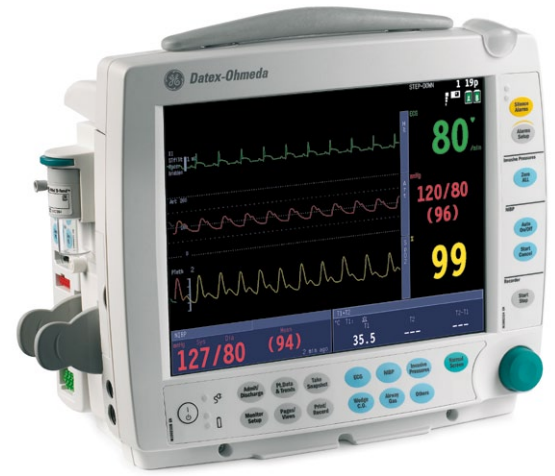


# Datex-Ohmeda FM

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 Datex-Ohmeda Network and iCentral
- Alarm light visible from a distance
- Waveform snapshots to store and recall waveform samples for later analysis
- Easy-to-use Datex-Ohmeda user 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 through built-in wireless networking (WLAN) option



## Technical Data

### Display

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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

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Parameter modules	
Extension module for FM	N-FC or N-FCREC or N-FREC*
Patient side module (PSM)	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
Wireless network option	Compatible with S/5 Network and iCentral for monitor-to-monitor communication, centralized viewing and remote alarm management through wireless network
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

### Dimensions and weight

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Size (WxDxH)	
with E-PSM (P)	302 x 143 x 274 mm/ 11.9 x 5.6 x 10.8 in
with N-FREC and PSM	302 x 200 x 274 mm/ 11.9 x 7.9 x 10.8 in
Weight	
w/o modules	4.8 kg/10.6 lb
with PSM	5.4 kg/11.9 lb
with N-FREC and PSM	6.4 kg/14.1 lb

### Power supply

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Rated voltage range and frequencies	100 to 240V ±10%, 50/60 Hz
Maximum power consumption	150 VA
Protection class	Class I
Grounding	Hospital grade

### Battery

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Type	Exchangeable lithium-Ion, 2 pcs
Operation time	Up to 5 hours (F-FM with PSM) at 23°C/73°F
Recharging	When connected to main power
Charging time	2 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

\* See module specification sheet for more information on available parameters.

## Environmental conditions

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

## Trends

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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

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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

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

## Safety standards

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

## Ordering information

Description	Order code
<b>Frames</b>	
Frame w/Display and Wireless Network	F-FMW
<b>Software</b>	
Critical care software	L-FICU04
Critical care software with extended arrhythmia analysis	L-FICU04A
<b>Accessories</b>	
Remote controller for FM	K-CREMCO
Remote controller holder	8000065
Multi I/O adapter	M1020847
<b>Modules</b>	
Patient side module, NIBP	E-PSM
Patient side module, w/IBP	E-PSMP
Extension module for FM, w/REC	N-FREC
Extension module for FM, w/REC, CO <sub>2</sub>	N-FCREC
Extension module for FM, w/CO <sub>2</sub>	N-FC

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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