

Compact Critical Care Monitor

A compact, modular monitor for emergency and intermediate care



Compact Critical Care Monitor offers a flexible range of parameter module options from very basic vital signs to comprehensive cardiac, respiratory, metabolic, tonometric and neurologic monitoring

Features

- Ideally suited for emergency and intermediate care monitoring
- Uses all plug-in measurement modules, except E-MEM, E-EXT and E-Entropy
- Optional extended arrhythmia analysis
- Small footprint bedside monitor with extra large 12.1 inch color display
- Large waveforms and numerics for easy viewing from long distances and multiple viewing angles
- Up to 8 waveforms and 4 numeric digit fields can be displayed
- 72-hour graphical and numeric trends can be displayed and used to access historical data
- Up to 6 user-configurable modes for care-specific configuration
- Color-coded prioritized and adjustable alarms
- Up to 400 snapshots to store and recall waveform samples
- Proven easy-to-use user interface
- On-line help for menu functions
- Integration of transport data with optional MemCard™
- Optional built-in, three-channel thermal array recorder
- Comprehensive drug calculator to calculate infusion rates
- Wall mount, roll stand and bed mount available for workplace ergonomics
- Compatible with Datex-Ohmeda Network and Central for monitor-to-monitor communication and centralized viewing
- Wireless networking (WLAN) option
- Device Interfacing Solution support for other patient care devices brings information to the Compact Monitor display screen



Technical Data

Display

Display size	12.1 inch diagonal
Display type	Active matrix color TFT LCD
Display resolution	SVGA resolution, 800 x 600
Number of waveforms	Up to 8
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

Module capacity	2+2 module slots
I/O connections	RS-232 computer serial output, 2 fixed analog outputs, connector for remote controller and external keyboard, Defibrillation sync, Nurse call
Device Interfacing Solution	Connector for up to 10 simultaneous DIS interfaces
Network	Compatible with Datex-Ohmeda Network and Central for monitor-to-monitor communication and centralized viewing and remote alarm management
Wireless network option	Allows the monitor to utilize both the wired and wireless network (WLAN) for centralized monitoring
MemCard option	To transfer the trended data of patient vital signs from CCCM monitor to other monitors
Printing	Laser printing capabilities: with serial printer supporting PCL5 language or network printer (serial/parallel converter, additional accessory)
Recorder option	Built-in, three-channel thermal array recorder
Mounting options	Bed mount, wall mount and roll stand

Dimensions and weight

Dimensions (WxDxH)	335 x 205 x 340 mm/ 13.2 x 8.1 x 13.4 in
Weight (without modules)	11 kg/24.2 lb

Power supply

Rated voltage range and frequencies	100 to 240V ±10 %, 50/60 Hz
Maximum power consumption	140 VA
Protection class	Class I
Grounding	Hospital grade

Battery

Type	Built-in NiMH battery
Capacity	Up to 1.5 h typical on full charge at 23°C/73°F With combination: E-PRESTN, E-miniC and N-CMW typically 2 h
Recharging	When connected to mains power
Charging time	10 hours to full capacity
Battery operation alarm	
Early warning	'Battery low' note
Final warning	'Battery low' alarm
Battery state indicator	Battery bar displayed on the screen

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 % non-condensing

Trends

Graphical	All parameters, selectable times from 30 min to 72 h
Numerical	All parameters, sampled every 5 min, 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
Adjustments	Central alarm display and adjustment page
Trending	10 min graphical minitrends 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

Safety standards

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
Frames	
Frame for Compact Critical Care Monitor	F-CMC1
Recorder Option	N-CMREC1
Recorder Option Upgrade	U-CMREC1
Software	
Critical Care Software	L-CICU05
Critical Care Software with extended arrhythmia analysis	L-CICU05A
Options	
MemCard Option	N-CMMEM
Wireless Network Option for Compact *	N-CMW
Accessories	
Remote Controller for Compact Monitor	K-CREMCO
Remote Controller Holder	8000065
Upgrades	
Datex-Ohmeda Network Upgrade **	U-CMNET
Datex-Ohmeda Network and MemCard Upgrade **	U-CMMEM
Wireless Network Upgrade for Compact Monitor */**	U-CMW

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

For accessories, please refer to the Accessories and Supplies catalog.

Note: Compact Critical Care Monitor is not compatible with E-MEM, E-EXT and E-Entropy modules

* Not available for all countries

** For upgrading details, please refer to LIFE upgrade program

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