

# Compact Anesthesia Monitor



**A compact, modular monitor ideally suited for PACU and day surgery monitoring**

CAM monitor offers flexible range of parameter module options with basic hemodynamics and full airway gas measurements.

## Features

- Small footprint bedside monitor with extra large 12.1 inch display
- Large waveforms and numerics for easy viewing from long distances and multiple viewing angles
- Uses all plug-in measurement modules, except E-MEM and E-EXT
- Up to 8 waveforms and 4 numeric digit fields can be displayed
- 24-hour graphical and numeric trends can be displayed and used to access historical data
- Color-coded prioritized and adjustable alarms
- Optional extended arrhythmia analysis
- Up to 400 snapshots to store and recall waveform samples
- Intuitive easy-to-use interface designed for the anesthesia care process
- Up to 6 user-configurable modes for care-specific configuration
- 6 user-configurable display pages for each mode
- Device Interfacing Solution support for other patient care devices brings information to the Compact Monitor display screen
- Built-in battery and handle for intra-hospital transport monitoring with roll stand, wall and bed mounting options available
- Integration of transport data with optional MemCard™
- Optional built-in, three-channel thermal array recorder
- Compatible with S/5 Network and Central for monitor-to-monitor communication and centralized viewing
- Wireless networking (WLAN) option
- Optional deioRecorder for Anesthesia with integrated keyboard and shared user interface for documentation



## Technical Data

Display	
Display size	12.1 in 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, external keyboard and barcode reader with Y-cable, defibrillation sync, Nurse call
Device Interfacing Solution	Connector for up to 10 simultaneous DIS interfaces
Network	Compatible with S/5 Network and Central for monitor-to-monitor communication, 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 CAM monitor to other monitors
Printing	Laser printing capabilities: 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 (W x D x H)	335 x 205 x 340 mm/ 13.2 x 8.1 x 13.4 in
Weight (w/o modules)	11 kg/24.2 lbs

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, 8 selectable times from 20 min to 24 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 anesthesia; color and audio tone coded
Adjustment	Central alarm display and adjustment page
Trending	10 min 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

Anesthesia record keeping	
deioRecorder for Anesthesia	Optional deioRecorder with integrated keyboard and shared user interface for documenting the anesthesia process

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
<b>Frames</b>	
Frame for Compact Anesthesia Monitor	F-CM1
Recorder Option	N-CMREC1
Recorder option Upgrade	U-CMREC1
<b>Software</b>	
Anesthesia Software	L-CANE04
Anesthesia Software with extended arrhythmia analysis	L-CANE04A
<b>Options</b>	
MemCard Option	N-CMMEM
Wireless Network Option for Compact *	N-CMW
<b>Accessories</b>	
Remote Controller for Compact Monitor	K-CREMCO
Remote Controller Holder	891844
<b>Upgrades</b>	
S/5 Network Upgrade **	U-CMNET
S/5 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 Supplies & Accessories catalog.

Note: Compact Anesthesia Monitor is not compatible with E-MEM and E-EXT modules.

\* Not available for all countries

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

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