S/5™ Compact
Anesthesia Monitor

A compact, modular monitor frame using standard Datex-Ohmeda S/5 measurement modules

Features

- Ideally suited for PACU and day surgery monitoring
- 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
- Basic hemodynamics and full airway gas measurements
- 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 that can be managed at the monitor or optionally from the S/5™ Network and Central
- Optional extended arrhythmia analysis
- Waveform snapshots to store and recall waveform samples for later analysis

- Intuitive easy-to-use S/5 interface designed for the anesthesia care process
- Six user-configurable display pages for each mode
- S/5™ Device Interfacing Solution support for other patient care devices brings information to the Compact Monitor display screen
- Rugged, shock resistant design offers a 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 Datex-Ohmeda 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 specifications

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 S/5 DIS interfaces
- Network: Compatible with Datex-Ohmeda 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 wired and wireless network (WLAN) for centralized monitoring
- MemCard option: Activates MemCards to transfer the trended data of patient vital signs
- 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
- (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: M-NESTPR, M-miniC and N-CMW typically 2h
- 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

Minitrends: 5 or 30 minute minitrends can be displayed for a continuous historical view

Alarms
- Alarm system classified into three categories according to priority in anesthesia; color and audio tone coded
- Central alarm display and adjustment page
- 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

Interfacing
- Device Interfacing Solution: S/5 Device Interfacing Solution support for certain anesthesia machines and other devices
- Interface Module: Interface to D-O gas monitors and other external stand alone monitors with Interface Module, M-INT
### S/5 Compact Anesthesia Monitor

#### 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

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

For accessories, please refer to the Datex-Ohmeda Supplies & Accessories catalog.

Note: S/5 Compact Anesthesia Monitor is not compatible with M-MEM and M-EXT modules.

* Not available for all countries.
** Check availability and distribution channel in your market
*** For upgrading details, please refer to S/5 LIFE upgrade program