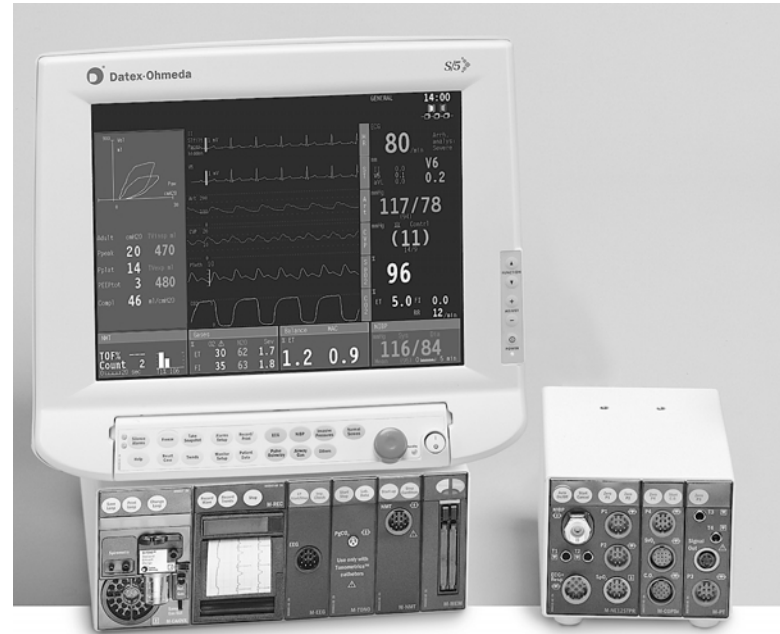


## S/5 Anesthesia Monitor

# Datex-Ohmeda S/5™ Anesthesia Monitor

## Central Unit & Displays ComBar™ Extension Frame Remote Controller



### Features

#### Central Unit and displays

- Central Unit and displays are physically separate components
- Four display options with integrated monitor controls: 15" or 17" high resolution color video display and 10.4" or 15" flat panel color LCD display
- Large 21" color slave CRT display
- User configurable display layout and colors
- Support for up to 8 waveforms on screen
- Support for user configurable second and third screen with different waveform and numerical information
- Anesthesia dedicated alarm system
- Alarms display and adjustment page
- 10-minute graphical mini trends referenced to set alarm limits
- Automatic alarm limits function

- Six user configurable modes and special cardiac bypass mode
- 24 hour numerical and graphical trends
- Split screen capability to show ST, spirometry loop, EEG, EP or mini trends permanently
- Four user-configurable graphical trend pages
- Trend cursor in both graphical and numerical trends
- Waveform snapshots to store and recall waveform samples
- Help function
- On-line help for menu functions
- Open software and hardware architecture
- Easy insertion/removal of plug-in parameter modules without interrupting other monitoring
- Anesthesia care oriented user interface
- Optional extended arrhythmia analysis
- Connector for Datex-Ohmeda S/5™ Device Interfacing Solution

#### S/5™ ComBar

- Anesthesia specific command bar for intuitive access to the monitoring functions
- Removable command bar brings monitor controls close to the user

#### S/5™ Extension Frame

- Frame with 4 additional module slots
- Moves patient cables close to the patient
- Single cable connects the Extension Frame to the S/5 Anesthesia Monitor's Central Unit
- Reduces patient cable clutter
- Mounts to any vertical or horizontal pole

#### S/5™ Remote Controller

- Remote Controller for intuitive monitor operation
- ComWheel™ and 12 keys, direct function keys for most common functions

## Technical specifications

Datex-Ohmeda S/5™ 15" color video display	
15" color video display with removable ComBar™ and ComWheel™.	
Display size	15" diagonal
Display type	low radiation color video CRT
Display resolution	High resolution, 1984 x 512
Number of traces	up to 8
Dimensions (WxDxH)	366x432x339 mm/14.4x17.0x13.3"
Weight	14.6 kg / 32.2 lbs
Mounting	On top of Central Unit or ADU, or wall-mounted
Power supply to display	Power supply from Central Unit
Removable ComBar with monitor controls, menu keys and ComWheel for selections and adjustments in menus	

Datex-Ohmeda S/5™ 17" color video display	
Display size	17" diagonal
Display type	low radiation color video CRT
Display resolution	High resolution, 1984x512
Number of traces	up to 8
Dimensions (WxDxH)	415x500x410 mm/16.3x19.7x16.1"
Weight	20 kg/44.1 lbs
Mounting	Only wall-mounted
Power supply to display	Power supply from Central Unit or external approved isolation transformer (local solutions). 120 VA
Rated voltage and frequencies	100-120 V, 50/60 Hz or 220-240 V, 50/60 Hz

Display base Command Board with monitor controls, menu keys and ComWheel for selections and adjustments in menus

Datex-Ohmeda large 21" color video display	
Display size	21" diagonal
Display type	low radiation, high contrast, color, flat face CRT with antiglare surface
Display resolution	High resolution 1984 x 512
Number of traces	up to 8
Dimension (WxDxH)	516x518x513 mm/20.3x20.4x20.2"
Weight	32 kg/70 lbs
Power supply to secondary display	Local solutions, approved isolation transformer 160 W
Rated voltages and frequencies	100-240 V, 50/60 Hz

Datex-Ohmeda S/5™ 15" color LCD display	
15" color LCD display with removable ComBar and ComWheel.	
Display size	15.0" diagonal
Display type	active matrix color TFT LCD
Display resolution	XGA, 1024x768
Number of traces	up to 8
Dimensions (WxDxH)	410x100x355 mm/ 16.1x3.9x14.0"
Weight	5.0 kg/11.0 lbs
Mounting	Desk stand, mounting arm for ADU, mounting arm to wall

Power supply to display Power supply from Central Unit.  
Removable ComBar with monitor controls, menu keys and ComWheel for selections and adjustments in menus

Datex-Ohmeda S/5™ 10" color LCD display	
10" color LCD display with Command Board and ComWheel integrated.	
Display size	10.4" diagonal
Display type	active matrix LCD
Display resolution	VGA, 640x480
Number of traces	up to 8
Dimensions (WxDxH)	315x74x265 mm/ 12.4x2.9x10.5"
Weight	3.4 kg/7.5 lbs
Mounting	Mounting arm for ADU, mounting arm to wall

Power supply to display Power supply from Central Unit  
Integrated Command Board with monitor controls, menu keys and ComWheel for selections and adjustments in menus

Central Unit	
Module capacity	8 module slots
I/O connections	RS-232 computer serial port, digital & analog I/O port, parallel printer port
Interface capabilities	Support for S/5 Device Interfacing Solution
Central Unit without modules (WxDxH)	315x380x135 mm/12.4x15.0x5.3"
Central Unit with Airway modules (WxDxH)	315x460x135 mm/12.4x18.1x5.3"
Central Unit with modules (WxDxH)	315x410x135 mm/12.4x16.1x5.3"
Weight (without modules)	9.5 kg/21 lbs
Laser printing capabilities with most PCL 5 compatible printers.	

Expansion slots for additional boards to

- Connect second or third display
- Connect deioRecorder for Anesthesia

Power supply Central Unit	
Rated voltages and frequencies	100V50/60Hz 110-120 V 50/60 Hz 220-240 V 50/60 Hz
Allowed voltage fluctuations	100 V ± 10 % 110 V -10 %...120V +10 % 220 V -10 %...240 V +10 %
Maximum power consumption	280 VA
Safety class	Class I
Grounding	Hospital grade

Environmental conditions	
Operating temperature	+10...35 °C (50...95 °F)
Storage temperature	-10...+50 °C (14...122 °F)
Relative humidity	10...90 % noncondensing (in airway 0...100 % condensing)
Atmospheric pressure	660...1060 mbar (500...800 mmHg)

Trends	
Graphical trends: all parameters, 8 selectable times: from 20 min to 24 h	
Numerical trends: all parameters, sampled every 5 min, after NIBP, PCWP and C.O. measurement and with mark event key	
Trend cursor in both graphical and numerical trends	
Four user-configurable graphical trend pages	

Alarms	
Alarm system classified into three categories according to priority in anesthesia; color and audio tone coded	
Alarms display and adjustment page	
10-minute graphical mini trends referenced to set alarm limits	
Automatic alarm limits function: alarm limits automatically calculated from current parameter reading when selected	
Alarms history page	

Extension Frame	
Frame with 4 additional module slots. S/5™ Extension Frame, F-EXT4 S/5™ Extension Module, M-EXT, to connect Extension Frame to S/5 Anesthesia Monitor Central Unit. The Extension Module occupies one module slot in the S/5 Central Unit. Connection cable length 3 m (10 ft). Mounting fixture to mount Extension Frame to vertical or horizontal poles.	
Dimensions (WxDxH)	160x205x137 mm/6.3x8.0x5.4"
Depth with modules	228 mm/9"
Weight (without modules)	1.3 kg/3 lbs

Safety standards (apply also to parameter modules)	
IEC 60601-1 approved.	
CE marking according to Directive 93/42/EEC.	
CSA C22.2.No. 601.1 approved.	
Meets UL2601-1 specifications.	
21" Video Display: IEC/EN 60950, UL 1950, CSA C22.2 No. 950, CE.	

## Ordering information

Description	Order code
S/5 8-Module Frame	F-CU8
S/5 15" Video Display	D-VMC15
S/5 15" LCD Display	D-LCC15
S/5 ComBar	K-ANEB
S/5 17" Video Display	D-VHC17
21" Color Video Display	D-VSC21
S/5 10" LCD Display	D-LCC10A
S/5 Display Controller	B-DISP
S/5 CPU Board	B-CPU4
S/5 UPI Board	B-UPI4/B-UPI4NET
S/5 Anesthesia Software License	L-ANE01
S/5 Anesthesia Software License w/ Extended Arrhythmia Analysis	L-ANE01A
S/5 Remote Controller	K-REMCO
Remote Controller Holder	891844
S/5 Extension Frame	F-EXT4
S/5 Extension Module	M-EXT
Extension Frame Mount	882342
LCD display ADU mount	8001702
LCD display wall mount	8001701
Vertical mount for Central Unit	881885

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



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