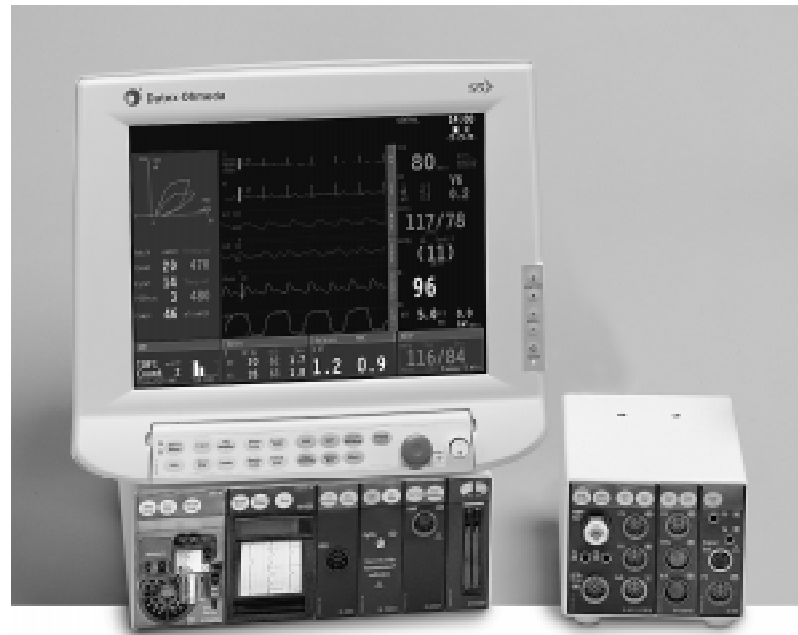


S/5™ Anesthesia Monitor

Central Unit
ComBar™
Displays
Extension Frame
Remote Controller



Features

Central Unit

- User interface designed for anesthesia care
- Up to eight waveforms displayed
- Configurable alarms optimized for anesthesia
- 10-minute graphical mini-trends referenced to set alarm limits
- Six user configurable modes and special cardiac bypass mode
- 24 hour numerical and graphical trends
- Split screen capability to show ST, spirometry loops, EEG, EP or mini trends permanently
- Waveform snapshots to store and recall waveform samples
- On-line help automatically displayed
- Easy insertion/removal of plug-in parameter modules without interrupting other monitoring

- Optional extended arrhythmia analysis detects 13 arrhythmias
- Open software and hardware architecture

S/5™ ComBar

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

Displays

- Four display options with integrated monitor controls: 15 inch or 17 inch high resolution color video display or 10.4 inch or 15 inch flat panel color LCD display
- Large 21 inch secondary display
- Support for user configurable second and third displays with different waveform and numerical information

S/5™ Extension Frame

- Provides 4 additional module slots
- Moves patient cables close to the patient
- Reduces patient cable clutter

S/5™ Remote Controller

- ComWheel™ and direct function keys for intuitive monitor operation

Technical specifications

Central Unit

Module capacity:	8 module slots
I/O connections:	RS-232 computer serial port, digital & analog I/O port, parallel printer port

Central Unit without modules (W x D x H):	315 x 380 x 135 mm/ 12.4 x 15.0 x 5.3 in
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Central Unit with G-Series Airway Gas modules (W x D x H):	315 x 460 x 135 mm/ 12.4 x 18.1 x 5.3 in
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Central Unit with modules (W x D x H):	315 x 410 x 135 mm/ 12.4 x 16.1 x 5.3 in
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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 Datex-Ohmeda S/5™ Anesthesia Record Keeper

Power supply Central Unit

Rated voltages and frequencies:	100V 50/60Hz 110-120 V 50/60 Hz 220-240 V 50/60 Hz
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Allowed voltage fluctuations:	100 V ±10% 110 V - 10% to 120V +10% 220 V - 10% to 240 V +10%
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Maximum power consumption: 280 VA

Safety class: Class I

Grounding: Hospital grade

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% noncondensing (in airway 0 to 100% condensing)
Atmospheric pressure:	660 to 1060 mbar/ 500 to 800 mmHg

Trends

- Graphical trends: all parameters, 8 selectable times: from 20 minutes to 24 hours
- 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

Datex-Ohmeda S/5™ 15 inch color LCD display

15 inch color LCD display with removable ComBar with monitor controls, menu keys, and ComWheel for menu selections and adjustments.

Display size:	15 inch diagonal
Display type:	Active matrix color TFT LCD
Display resolution:	XGA, 1024 x 768
Number of traces:	Up to 8
Dimensions (W x D x H):	410 x 100 x 355 mm/ 16.1 x 3.9 x 14.0 in
Weight:	5 kg/ 11 lbs
Mounting:	Display mounting arm for anesthesia machines, wall mount or deskstand
Power supply to display:	Power supply from Central Unit

Datex-Ohmeda S/5™ 15 inch color video display

15 inch color video display with removable ComBar with monitor controls, menu keys, and ComWheel for selections and adjustments in menus.

Display size:	15 inch diagonal
Display type:	Low radiation color video CRT
Display resolution:	High resolution, 1984 x 512
Number of traces:	Up to 8
Dimensions (W x D x H):	350 x 430 x 320 mm/ 14.6 x 17.7 x 13.0 inch
Weight:	14.3 kg /31.6 lbs
Power supply to display:	Power supply from Central Unit

Technical specifications, continued

Datex-Ohmeda S/5™ 17 inch color video display

17 inch color video display with display base Command Board with monitor controls, menu keys, and ComWheel for menu selections and adjustments.

Display size:	17 inch diagonal
Display type:	Low radiation color video CRT
Display resolution:	High resolution, 1984 x 512
Number of traces:	Up to 8
Dimensions (W x D x H):	412 x 445 x 415 mm/ 16.2 x 17.5 x 16.3 in
Weight:	19.0 kg/41.4 lbs
Mounting:	Wall mount only
Power supply to display:	Power supply from Central Unit or external approved isolation transformer (local solutions). 120 VA
Rated voltages and frequencies:	100-120 V, 50/60 Hz or 220-240 V, 50/60 Hz

Datex-Ohmeda S/5™ 10 inch color LCD display

10 inch color LCD display with integrated Command Board with monitor controls, menu keys, and ComWheel for menu selections and adjustments.

Display size:	10.4 inch diagonal
Display type:	Active matrix LCD
Display resolution:	VGA, 640 x 480
Number of traces:	Up to 8
Dimensions (W x D x H):	315 x 74 x 265 mm/ 12.4 x 2.9 x 10.5 in
Weight:	2.9 kg/6.4 lbs
Mounting:	Display mounting arm with adapters to poles or rails
Power supply to display:	Power supply from Central Unit

Datex-Ohmeda 21 inch video display

Display size:	21 inch 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 (W x D x H):	515 x 544 x 490 mm/ 20.3 x 21.4 x 19.3 in
Weight:	32 kg/70 lbs
Power supply to secondary display:	Local solutions, approved isolation transformer 160 W (nominal)
Operating voltage:	90 V-260 VAC
Operating frequency:	50/60 Hz
Mounting:	Ceiling mount only

Extension Frame

Frame with 4 additional module slots. S/5 Extension Frame, F-EXT4-S5 and S/5™ Extension Module, M-EXT-S5, 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 (W x D x H):	160 x 205 x 137 mm/ 6.3 x 8.0 x 5.4 in
Depth with modules:	228 mm/9 in
Weight (without modules):	1.3 kg/3 lbs

Safety standards (apply also to parameter modules)

IEC 601-1 approved.

CE marking according to Directive 93/42/EEC.

CSA C22.2.No. 601.1 approved.

Meets UL2601-1 specifications.

Ordering information

Description	Order code
S/5 8-Module Frame	F-CU8-S5
S/5 15 inch LCD display	D-LCC15
S/5 15 inch video display	D-VMC15
S/5 17 inch video display	D-VHC17-S5
21 inch video display	D-VSC21
S/5 10 inch LCD display	D-LCC10A-S5
S/5 ComBar	K-ANEB
S/5 Command Board	K-ANE-S5
S/5 Display Controller Board	B-DISP
S/5 CPU Board	B-CPU4
S/5 UPI Board	B-UPI4/B-UPI4NET
S/5 Anesthesia software with record keeping support	L-00A03
S/5 Anesthesia software with extended arrhythmia analysis and record keeping support	L-00A04
S/5 Remote Controller	K-REMCO-S5
Remote Controller holder	8000065
S/5 Extension Frame	F-EXT4-S5
S/5 Extension Module	M-EXT-S5
Extension Frame mount	882342

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



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