

# DS-8900 General Specifications

Display		
Size	26 inch wide TFT color LCD	
Resolution	1920 x 1080, Full HD	
Number of Patients	32	
Waveforms	Max. 32	
Waveform Displayed Time	Max. 17.5 seconds (25 mm/sec)	
Sweep Speed	Circulatory	12.5, 25 mm/s
	Respiratory	6.25, 12.5, 25 mm/s
Waveform Display	Stationary Trace Mode	



Operation	
Touch Screen Method	
Mouse / Keyboard (optional)	
2 Fixed Keys	Home and Alarm Silence

Parameters*	
Waveform**	ECG, 12 Lead ECG, IBP (max. 8ch), SpO2 (max. 2ch), RESP, CO2, O2, N2O, Agent
Measurements	HR, ST, 12 Lead ST, IBP (max. 8ch), SpO2 (max. 2ch), PI (Masimo®), SpCO/SpMet/SpHb/PVI (Masimo®, optional), RR, PR, APNEA, NIBP, TEMP (max. 8ch), BT, CO2, N2O, O2, Agent
Arrhythmia Analysis (27)	ASYSTOLE, VF, VT, SVT, RUN, Tachy, Brady, Bigeminy, Frequent, Couplet, Trigeminy, PAUSE, ST, Prolonged RR, Ext. Tachy, Ext. Brady, S Frequent, S Couplet, SVPC, Irregular RR, Triplet, R on T, Multiform, Vent Rhythm, VPC, Pacer Not Capture, Pacer Not Pacing

\*Depends on the bedside monitor and telemetry device connected to the network. Also the displayed items depend on the equipment itself.

\*\*Masimo® measurement is available only for Masimo® model devices.

ECG	Depends on the bedside monitor
SpO2	Depends on the bedside monitor
Respiration	Depends on the bedside monitor
CO2	Depends on the bedside monitor

Temperature	Depends on the bedside monitor
Invasive Blood Pressure	Depends on the bedside monitor
Non-Invasive Blood Pressure	Depends on the bedside monitor
Others	Depends on the bedside monitor

Printer	
Number of Waveform	Max. 3
Printing Type	Thermal
Printing Speed	25 mm/sec
Waveform Printed	ECG, RESP, SpO2, IBP, O2, Agent, AWF, AWP, AWV and CO2

### Full Disclosure

ECG1, ECG2, ECG I - V6, BP1 - 8, SpO2-1, SpO2-2, RESP, AWP, AWF, AWV, CO2, O2, AGENT

Recording Time	Max. 120 hours / 64 waveforms
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### Graphic Trend\*

HR, ST, VPC, BP1 - 8, NIBP, SpO2, SpCO, SpMet, SpHb, PR, RR, APNEA, CO2, TEMP, SvO2, CCO, CCI, BT, GAS\_CO2, GAS\_O2, GAS\_N2O, GAS\_AGT, Vent (TVinsp, TVexp, MV, PEAK, PEEP, MEAN), SPIRO BIS, rSO2

Recording Time	120 hours
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Displayed Time	20 min, 1, 2, 4, 8, 12, 16, 24 hours
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### Tabular Trend\*

HR, ST, VPC, BP1 - 8, NIBP, SpO2, SpCO, SpMet, SpHb, PR, RR, APNEA, CO2, TEMP, SvO2, CCO, CCI, BT, GAS\_CO2, GAS\_O2, GAS\_N2O, GAS\_AGT, Vent (TVinsp, TVexp, MV, PEAK, PEEP, MEAN), SPIRO BIS, rSO2

Recording Time	120 hours
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Displayed Time	10, 30 sec, 1, 2, 2.5, 5, 10, 15, 30, 60 min
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### Recall

1000 events per bed (1 waveform displayed)  
500 events per bed (2 waveform displayed)

### Dimensions (W x H x D) (not including the protrusion)

Main Unit	25.6 x 9.5 x 18.4 inch 650 x 242 x 467 mm
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### Weight

Main Unit	39.7 lbs 18 kg
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### Power

Power Requirements	AC 100 ~ 240V, 50/60 Hz
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Power Consumption	90 VA max.
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### Environmental Condition

#### Operating Environment

Ambient Temperature	50 to 104°F / 10 to 40°C
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Relative Humidity	30 to 85%
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#### Transport / Storage

Ambient Temperature	14 to 140°F / -10 to 60°C
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Relative Humidity	10 to 95%
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### Safety

General Standard	ANSI/AAMI ES60601-1 : 2005 and A1 : 2012
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EMC Standard	IEC 60601-1-2 : 2007
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Electrical Shock Protection	Class I
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Conformity	CE Marking per 93/42/EEC Directive
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RoHS Compliant

### External Connection

Serial Connector (COM x 5 ports, COM A)

PC / CF Card Slots x 2

DS-LAN Connector

Mouse / Keyboard Connector

External Monitor Connector

Status I/O Connector (Status II)

LAN Connector

U-Link Connector

Extended Display Unit Connector (for LC-8026T)

\*Depends on the bedside monitor and telemetry device connected to the network. Also the displayed items depend on the equipment itself.



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