

Vital Signs Patient Monitor
DYNASCOPE
8000 SERIES
DS - 8500 system

FUKUDA DENSHI reserves the right to change specifications without notice.



FUKUDA DENSHI CO., LTD.

39-4, Hongo 3-chome, Bunkyo-ku, Tokyo 113-8483, Japan
Tel: +81-3-5684-1455 Fax: +81-3-3814-1222
www.fukuda.com

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Fukuda Denshi present the latest DYNASCOPE

Critical care demands clear accurate instant information.
Information as you need to see it.
Once more Fukuda Denshi innovate to deliver.

Our most intelligent user interface, this is high end patient monitoring with such flexibility in customisation it may just be the most powerful, clear and simple patient monitor you have ever used.

Fukuda Denshi present the latest DYNASCOPE patient monitor, the DS-8500.



■ Innovative Design

A new intelligent interface that gives new meaning to patient monitor clarity. This is the patient monitor reimagined, comprehensive data with total control at your figure tips.

Total control of all elements of your monitor display and patient condition notifications.

Configure sound, colour and display to suit every situation and environment. A multitude of configurations gives unprecedented control to precisely tailor the DS-8500 to your requirements and the requirements of your patient care team.

Seamless integration
within any patient care situation



LC-8015T

Clear and compact, the 15" display configured to deliver in space restricted critical care and anesthesia environments.



LC-8019T

Vivid and expansive, the 19" display designed for the demands of modern critical care. Unlike any other monitor the DS-8500 allows complete flexibility and customisation enabling adaption to exactly fit your individual patient care environment.

※Bespoke installation and mounting options available.

Modular architecture delivering all the parameters you need

Modular design complements the flexibility of configuration. Select the required parameters and configure the ideal layout. Collect and view all patient data at bedside or central station, seamless patient record from monitor to monitor via HS-8000 super module.



Modular flexibility to match every critical care environment

Designed to meet the needs of the modern critical care service from OR, ICU, CCU to the HDU, PSU and ER. Wide choice of direct patient connected parameters with the added power of device Interface to bring all your data into one totally configurable display.

New Secure Connect cable system

Introducing a brand new cable connector design. The Secure Connect ensures positive cable/module interface locked in place with push button release.

※This is a composite image

1. Configuration

Main Unit configuration

DSC-8510	Main Unit
DSC-8530	Main Unit

※DSC-8530 has Multi display and TCP/IP

Display Unit

LC-8019T	19 inch Display
LC-8015T	15 inch Display

Super Unit

HS-8312M	Super Unit	ECG (12 lead), RR, NIBP, SpO ₂ , Multi-Amp (IBP, TEMP, CO)x3, Analog Output (ECG, IBP x2)
HS-8312N	Super Unit	ECG (12 lead), RR, NIBP, SpO ₂ , Multi-Amp (IBP, TEMP, CO)x3, Analog Output (ECG, IBP x2)

※M=MASIMO N=NELLCOR

Gas Unit

HPD-800	Gas Unit I/F	ETCO ₂ (Mainstream)
HCP-800	CO ₂ Gas Unit	ETCO ₂ (Sidestream)

Extension Unit

MGU-800	Gas module	CO ₂ /N ₂ O Agent, O ₂ and Spiro (available depending on the model type)
HR-800	Printer unit	50 mm wide printer (roll paper)

Extension Module

HM-800	Multi Module	Multi Amp (IBP, TEMP, CO) × 2
HP-800	Multiport Module	External equipment connector 2ch, Analog Output
HG-810/820	SpO ₂ Module	Extra SpO ₂ , PR and SpCO, SpMET (810 only)

※810=MASIMO (SpCO and SpMET are optional) 820=NELLCOR

Others

IB-8004	Input box with 4 slots
HSA-80	HS-8000 adapter
CF-820	Remote control
OP050-01 TDR	Roll paper 50mm
HLX-801	Telemetry transmitter

2. Specification

Waveforms	ECG/RR/SpO ₂ /IBP/CO ₂ /O ₂ /AG	
Parameters	Basic configuration (Only HS module) HR/ST/Arrhythmia SpO ₂ /PR NIBP (SYS/DIA/MAP, Cuff pressurization, PR) Multi Module: (IBP x 2, TEMP x 2, CO x 1) x 3 IBP (SYS/DIA/MEAN, PR) Maximum 6 channels CO 1 channel TEMP Maximum 6 channels	
	Maximum configuration (HS-IB-8004 x 2) HR/ST/Arrhythmia SpO ₂ /PR NIBP (SYS/DIA/MAP, Cuff pressurization, PR) Multi Module: (IBP x 2, TEMP x 2, CO x 1) x 4 IBP (SYS/DIA/MEAN, PR) Maximum 8 channels CO 1 channel TEMP Maximum 8 channels Gas concentration (EtCO ₂ , InspCO ₂ , N ₂ O (Insp/Exp), O ₂ (Insp/Exp), AG (Insp/Exp), PR) and apneic period	
	External Equipment Vigilance, Vigilance II, Vigileo, Servo-i, Servo-s SV-900, SV-300, BIS, aepEX Plus	
Display	Colour LCD	Colour LCD
Size	19inch	15inch
Resolution	1280×1024	1024×768
Number of waveforms	Maximum 28 waveforms	Maximum 20 waveforms
Printer type	Thermal head method	
Printer width	50mm	
Number of waveforms printed	Maximum 3 waveforms	
Paper speed	25mm/s, 50mm/s	
Dimension/Weight	DSC-8500	265(W)×263(H)×117(D)mm/5.5kg
	LC-8019T	468(W)×371(H)×56(D)mm/6.0kg
	LC-8015T	395(W)×297(H)×50(D)mm/3.5kg
	HS-8000	85(W)×100(H)×200(D)mm/1.2kg
	HSA-80	85(W)×68(H)×188(D)mm/0.2kg
	IB-8004	184(W)×129(H)×164(D)mm/1.3kg
	HM-800	40(W)×100(H)×135(D)mm/0.4kg
	HP-800	40(W)×100(H)×135(D)mm/0.4kg
	HPD-800	36(W)×91(H)×87(D)mm/0.3kg
	HR-800	87(W)×109(H)×100(D)mm/0.54kg
	MGU-801P	125(W)×109(H)×200(D)mm/2.1kg