■ Configuration

Main configuration		
DSC-8410		Main unit
LC-8016TC		Display unit 15.6 inch
LC-8018TC		Display unit 18.5 inch
Super unit		
HS-8312M/N	Super unit	ECG, NIBP, SpO_2, Multiple Amp (IBP, TEMP, CO) ×3 Analog Output (ECG, IBP, QRS synchronization signal)
DS-8007M/N	Transport monitor	ECG, NIBP, SpO_2, Multiple Amp (IBP, TEMP, CO) ×2, TEMP×2, AUX Connector (BIS) ×1 Analog Output (ECG, IBP, Optional 3 waveforms output selectable from QRS sync signal)
※M = Masimo type pulse oximeter unit N = Nellcor type pulse oximeter unit		
Unit I/F		
HPD-810	Gas unit I/F	$ETCO_2$ (Mainstream)
HCP-810	Gas unit	$ETCO_2$ (Microstream)
HBX-800	BISx I/F unit	BIS module
Extension module		
HM-800	Multi module	Multiple Amp (IBP, TEMP, CO) ×2
HM-801	Multi module	Multiple Amp (IBP, TEMP, CO) ×1 External device connection (AUX) ×1ch
HP-800	Multiport module	External device connection 2ch, Analog input
HG-810	SpO2 module M	SpO2, PI (Standard feature), SpCO, SpMet, SpHb, PVI (Optional)
HG-820	SpO2 module N	SpO_2
※M = Masimo type pulse oximeter unit N = Nellcor type pulse oximeter unit		
Extension unit		
MGU-801P	AGO_2 Gas unit	CO_2, N_2O, O_2, Volatile anesthetic inspiration, Breath measurement, Respiratory rate
MGU-811P	AGO_2 Gas unit	CO_2, N_2O, O_2, Volatile anesthetic inspiration, Breath measurement, Respiratory rate, Spiro function
HR-800	Printer unit	50mm Roll paper 3 waveforms
Others		
IB-8004		Expansion module 4 slots
HSA-81		Attachment for HS
BTO-005		Internal battery pack
CC-84		Expansion board

■ Related products

LC-8016TC 15.6"

LC-8018TC 18.5"

DS-8007N/DS-8007M

HS-8312N/HS-8312M

■ Specification

Waveforms	
	ECG, RESP, PR, IBP CO_2, O_2, EEG, AG, AWP, AWF, AWV
Numeric	
When using HS-8312N/M	Heart rate／ST／Arrhythmia Respiration rate (impedance) SpO_2, pulse rate NIBP (SYS/DIA/MAP·Cuff pressure·pulse rate) Multiple Amp : (IBP×2, TEMP×2, CO×1) ×3 IBP (SYS/DIA/MEAN·pulse rate) Up to 6 channels TEMP Up to 6 channels CO 1channel PI (Only HS-8312M) SpCO, SpMet, SpHb, PVI (Only HS-8312M, optional)
HPD-810/HCP-810	Gases concentration ($EtCO_2$, $InspCO_2$, Respiratory rate)
When using DS-8007N/M	Heart rate／ST／Arrhythmia Respiration rate (impedance) SpO_2, pulse rate NIBP (SYS/DIA/MAP·Cuff pressure·pulse rate) TEMP 2 channels (fixed) Multiple Amp: (IBP×2, TEMP×2, CO×1) ×2 IBP (SYS/DIA/MEAN·pulse rate) Up to 4 channels TEMP Up to 6 channels (Maximum) CO 1channel PI (Only DS-8007M) SpCO, SpMet, SpHb, SpOC, PVI (Only DS-8007M, optional) Respiratory rate (pulse wave analysis) (Only DS-8007N, optional)
HCP-820/HPD-820	Gases concentration ($EtCO_2$, $InspCO_2$, Respiratory rate)
HBX-800+BISx	Bispectral index (BIS) Suppression Ratio (SR) Electromyograph (EMG) indicator Signal Quality Indicator (SQI)

	LC-8016TC	LC-8018TC
Display	Colour LCD	Colour LCD
Monitor	15.6"	18.5"
Resolution	1366×768 pixels	1366×768 pixels
No. of Waveforms	Up to 21 waveforms maximum	Up to 27 waveforms maximum
Display waveform time	13 seconds	16 seconds

Trend duration	24 hours
List duration	24 hours
No. of recalls	200
FD waveforms (optional)	240 hours
12 Lead ECG analysis	10
Alarm history	1599
Recording method	Thermal recording method
Recording paper width	50mm
No. of recorded waveforms	3 waveforms
Waveform recording speed	50, 25mm/s
Battery operating time	Over 90 minutes
Battery charging time	2.5 hours (fast charge/standby) 5 hours (normal charging/during operation)
Classification by protection type	Class I equipment internal power
Rated power supply	AC 100~240 V (at 50/60 Hz operation) 65~120VA DC 65 W (during battery operation)
Dimension/Weight	DSC-8410 360 (W) ×310 (H) ×255 (D) mm/7.5kg LC-8016TC 410 (W) ×265 (H) ×62.5 (D) mm/3.5kg LC-8018TC 475 (W) ×307 (H) ×62.5 (D) mm/4.5kg HS-8312M/N 85 (W) ×100 (H) ×200 (D) mm/1.2kg DS-8007M/N 200 (W) ×108 (D) ×185 (H) mm/2kg
Safety Standards	EN60601-1 : 2006+A1 : 2013
EMC	EN60601-1-2 : 2007+AC : 2010

DYNASCOPE

Bedside monitor

DS-8400 system

Power and adaptability at your fingertips

FUKUDA DENSHI reserves the right to change specifications without notice.

CE 2797

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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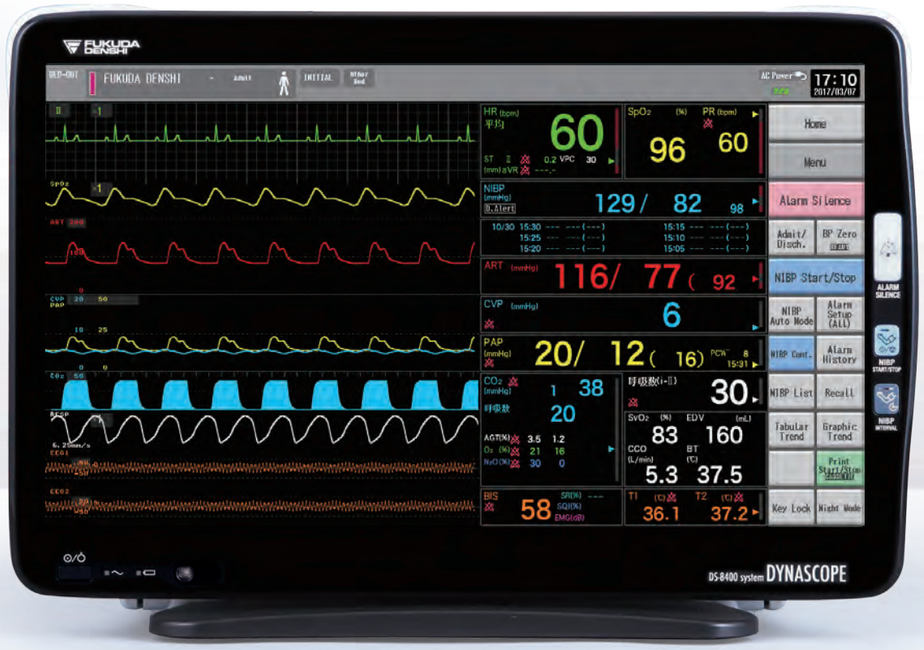
Power and adaptability at your fingertips

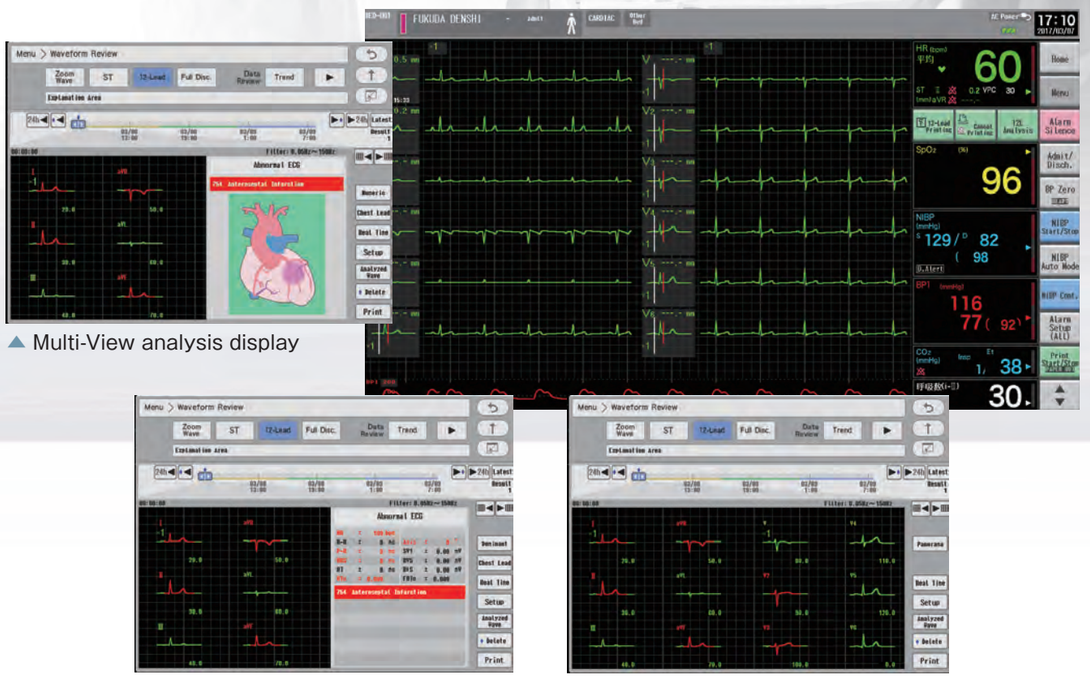
A clear, customisable display enabling easy operation.



▲ The photograph is an image when the LC-8018TC is installed.

12 lead ECG display/Analysis screen

12 lead ECG monitoring is possible.
Superior 12 lead ECG analysis allows easy patient diagnosis.
Results can be instantly displayed.



▲ Multi-View analysis display

▲ Display analysis result

▲ Dominant waveform display

Seamless patient transfer using the modular system

Never miss a beat, with continuous monitoring using the transport module or minimonitor(DS-8007) for a flexible and seamless workflow throughout the hospital.

▲ with HS-8312N image
※N = Nellcor type pulse oximeter unit

▲ with DS-8007M image
M = Masimo type pulse oximeter unit

Integration of BIS monitoring

Compatible with the BISx module to monitor and display the depth of anaesthesia index.

▲ BISx I/F unit : HBX-800

Integrated battery ensures continuous monitoring in the event of power failure.

The built-in battery enables 90 minutes of continuous operation.

▲ Integrated battery pack BTO-005