#### Configuration

	adon				
Main configura	ition				
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, SpO2, Multiple Amp (IBP, TEMP, CO)×3 Analog Output (ECG, IBP, QRS synchronization signal)			
DS-8007M/N	Transport monitor	ECG, NIBP, SpO <sub>2</sub> , 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)			
<pre>%M = Masimo type</pre>	pulse oximeter unit $N = N$	ellcor type pulse oximeter unit			
Unit I/F					
HPD-810	Gas unit I/F	ETCO2 (Mainstream)			
HCP-810	Gas unit	ETCO2 (Microstream)			
HBX-800	BISx I/F unit	BIS module			
Extension mod	ule				
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	SpO2			
%M = Masimo type	pulse oximeter unit N = N	Vellcor type pulse oximeter unit			
Extension unit					
MGU-801P	AGO2 Gas unit	CO2, N2O, O2, Volatile anesthetic inspiration, Breath measurement, Respiratory rate			
MGU-811P	AGO2 Gas unit	CO2, N2O, O2, 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°



DS-8007N/DS-8007M

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LC-8018TC 18.5"



HS-8312N/HS-8312M

Waveforms	ECG, RESP, PR, IBP				
	CO2, O2, EEG, AG, AWP, A	WE AWV			
Numeric	002, 02, LLG, AG, AWF, A	AWF, AWV			
Numeric	Heart rate/ST/Arrhyth	mia			
	Respiration rate (impedance)				
	SpO2, pulse rate				
	NIBP (SYS/DIA/MAP·Cuff pressure·pulse rate)				
	Multiple Amp : (IBP×2, TEMP×2, CO×1)×3				
When using HS-8312N/M	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 (EtCO2, InspCO2, Respiratory rate)				
	Heart rate / ST / Arrhythmia				
	Respiration rate (impeda				
	SpO2, pulse rate				
	NIBP (SYS/DIA/MAP·Cuf	pressure.pulse rate)			
	TEMP 2 channels (fixed)	,			
	Multiple Amp: (IBP×2, TEI	MP×2, CO×1)×2			
When using DS-8007N/M	IBP (SYS/DIA/MEAN·puls				
	TEMP Up to 6 channels (				
	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 (EtCO2, InspCO2, Respiratory rat				
	Bispectral index (BIS)				
HBX-800+BISx	Suppression Ratio (SR)				
HBA-000+BI3X	Electromyograph (EMG) indicator				
	Signal Quality Indicator (SQI)				
	LC-8016TC	LC-8018TC			
Display	Colour LCD	Colour LCD			
		18.5"			
Monitor	15.6 "				
Resolution	1366×768 pixels	1366×768 pixels			
Resolution No. of Waveforms	1366×768 pixels Up to 21 waveforms maximum	1366×768 pixels Up to 27 waveforms maximum			
Resolution No. of Waveforms	1366×768 pixels	1366×768 pixels			
Resolution No. of Waveforms Display waveform time	1366×768 pixels Up to 21 waveforms maximum 13 seconds	1366×768 pixels Up to 27 waveforms maximum			
Resolution No. of Waveforms Display waveform time Trend duration	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours	1366×768 pixels Up to 27 waveforms maximum			
Resolution No. of Waveforms Display waveform time Trend duration List duration	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours	1366×768 pixels Up to 27 waveforms maximum			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200	1366×768 pixels Up to 27 waveforms maximum			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional)	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours	1366×768 pixels Up to 27 waveforms maximum			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours 10	1366×768 pixels Up to 27 waveforms maximum			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours 10 1599	1366×768 pixels Up to 27 waveforms maximur 16 seconds			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours 10 1599 Thermal recording method	1366×768 pixels Up to 27 waveforms maximur 16 seconds			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours 10 1599 Thermal recording methor 50mm	1366×768 pixels Up to 27 waveforms maximur 16 seconds			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours 10 1599 Thermal recording methor 50mm 3 waveforms	1366×768 pixels Up to 27 waveforms maximur 16 seconds			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours 10 1599 Thermal recording methor 50mm 3 waveforms 50, 25mm/s	1366×768 pixels Up to 27 waveforms maximur 16 seconds			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 200 240 hours 10 1599 Thermal recording methor 50mm 3 waveforms 50, 25mm/s Over 90 minutes	1366×768 pixels Up to 27 waveforms maximur 16 seconds			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 200 240 hours 10 1599 Thermal recording methor 50mm 3 waveforms 50, 25mm/s Over 90 minutes 2.5 hours (fast charge/st	1366×768 pixels Up to 27 waveforms maximur 16 seconds d d			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours 10 1599 Thermal recording methor 50mm 3 waveforms 50, 25mm/s Over 90 minutes 2.5 hours (fast charge/st 5 hours (normal charging	1366×768 pixels Up to 27 waveforms maximur 16 seconds d d andby) /during operation)			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 200 240 hours 10 1599 Thermal recording metho 50mm 3 waveforms 50, 25mm/s Over 90 minutes 2.5 hours (fast charge/st 5 hours (normal charging Class I equipment internal	1366×768 pixels Up to 27 waveforms maximur 16 seconds d d andby) //during operation) I power			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time Classification by protection type	1366×768 pixels Up to 21 waveforms maximum 13 seconds 24 hours 24 hours 200 240 hours 10 1599 Thermal recording methor 50mm 3 waveforms 50, 25mm/s Over 90 minutes 2.5 hours (fast charge/st 5 hours (normal charging Class I equipment interna AC 100~240 V (at 50/60	1366×768 pixels Up to 27 waveforms maximur 16 seconds d d andby) //during operation) I power			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time	1366×768 pixels         Up to 21 waveforms maximum         13 seconds         24 hours         24 hours         200         240 hours         10         1599         Thermal recording methor         50mm         3 waveforms         50, 25mm/s         Over 90 minutes         2.5 hours (fast charge/st         5 hours (normal charging         Class I equipment interna         AC 100~240 V (at 50/60         65~120VA	1366×768 pixels Up to 27 waveforms maximur 16 seconds id andby) //during operation) il power D Hz operation)			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time Classification by protection type	1366×768 pixels         Up to 21 waveforms maximum         13 seconds         24 hours         200         240 hours         10         1599         Thermal recording methor         50mm         3 waveforms         50, 25mm/s         Over 90 minutes         2.5 hours (fast charge/st         5 hours (normal charging         Class I equipment internal         AC 100~240 V (at 50/60         65~120VA         DC 65 W (during battery	1366×768 pixels Up to 27 waveforms maximur 16 seconds d d andby) //during operation) I power D Hz operation) operation)			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time Classification by protection type	1366×768 pixels         Up to 21 waveforms maximum         13 seconds         24 hours         200         240 hours         10         1599         Thermal recording methor         50mm         3 waveforms         50, 25mm/s         Over 90 minutes         2.5 hours (fast charge/st         5 hours (normal charging         Class I equipment interna         AC 100~240 V (at 50/60         65~120VA         DC 65 W (during battery         DSC-8410       360(W)×3	1366×768 pixels Up to 27 waveforms maximum 16 seconds d d andby) //during operation) I power D Hz operation) operation) 810 (H) ×255 (D) mm/7.5kg			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time Classification by protection type Rated power supply	1366×768 pixels         Up to 21 waveforms maximum         13 seconds         24 hours         24 hours         200         240 hours         10         1599         Thermal recording methor         50mm         3 waveforms         50, 25mm/s         Over 90 minutes         2.5 hours (fast charge/st         5 hours (normal charging         Class I equipment interna         AC 100~240 V (at 50/66         65~120VA         DC 65 W (during battery         DSC-8410       360 (W) ×2         LC-8016TC       410 (W) ×2	1366×768 pixels Up to 27 waveforms maximum 16 seconds d andby) //during operation) I power D Hz operation) operation) 310 (H)×255 (D) mm/7.5kg 265 (H)×62.5 (D) mm/3.5kg			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time Classification by protection type	1366×768 pixels         Up to 21 waveforms maximum         13 seconds         24 hours         24 hours         240 hours         10         1599         Thermal recording methor         50mm         3 waveforms         50, 25mm/s         Over 90 minutes         2.5 hours (fast charge/st         5 hours (normal charging         Class I equipment interna         AC 100~240 V (at 50/60         65~120VA         DC 65 W (during battery)         DSC-8410       360(W)×2         LC-8016TC       410(W)×2         LC-8018TC       475(W)×3	1366×768 pixels Up to 27 waveforms maximum 16 seconds d andby) //during operation) I power D Hz operation) operation) 310 (H) ×255 (D) mm/7.5kg 265 (H) ×62.5 (D) mm/3.5kg 307 (H) ×62.5 (D) mm/4.5kg			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time Classification by protection type Rated power supply	1366×768 pixels         Up to 21 waveforms maximum         13 seconds         24 hours         24 hours         200         240 hours         10         1599         Thermal recording methor         50, 25mm/s         Over 90 minutes         2.5 hours (fast charge/st         5 hours (normal charging         Class I equipment interna         AC 100~240 V (at 50/66         65~120VA         DC 65 W (during battery)         DSC-8410       360 (W)×2         LC-8018TC       475 (W)×2         HS-8312M/N       85 (W)×11	1366×768 pixels Up to 27 waveforms maximum 16 seconds id andby) //during operation) I power D Hz operation) operation) 810 (H) ×255 (D) mm/7.5kg 807 (H) ×62.5 (D) mm/3.5kg 90 (H) ×200 (D) mm/1.2kg			
Resolution No. of Waveforms Display waveform time Trend duration List duration No. of recalls FD waveforms (optional) 12 Lead ECG analysis Alarm history Recording method Recording paper width No. of recorded waveforms Waveform recording speed Battery operating time Battery charging time Classification by protection type Rated power supply	1366×768 pixels         Up to 21 waveforms maximum         13 seconds         24 hours         24 hours         240 hours         10         1599         Thermal recording methor         50mm         3 waveforms         50, 25mm/s         Over 90 minutes         2.5 hours (fast charge/st         5 hours (normal charging         Class I equipment interna         AC 100~240 V (at 50/60         65~120VA         DC 65 W (during battery)         DSC-8410       360(W)×2         LC-8016TC       410(W)×2         LC-8018TC       475(W)×3	1366×768 pixels Up to 27 waveforms maximur 16 seconds id andby) //during operation) il power D Hz operation) 310 (H)×255 (D) mm/7.5kg 265 (H)×62.5 (D) mm/3.5kg 007 (H)×62.5 (D) mm/4.5kg 00 (H)×200 (D) mm/1.2kg 108 (D)×185 (H) mm/2kg			

Specification

# DYNASCOPE



## Power and adaptability at your fingertips



FUKUDA DENSHI reserves the right to change specifications without notice.



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Distributed by:

## **Bedside monitor** DS-8400 system



# Power and adaptability at your fingertips

## A clear, customisable display enabling easy operation.

	.lalala	lrlr	HR (born) 平均 ST 正 終	60 0.2 VPC 30	<sup>sp02</sup> (%)	PR (tepm) •	Ho	
5p92 ×1	$\sim \sim \sim$	$\sim$	NIBP (mmHg) [D.Alert]		29/8	2 <sub>98</sub> ►	Alarm S	Si Lence
ARY 280	m m m	m m	15:	30 () 25 () 20 ()	15:10	() () ()	Admit/ Disch.	BP Zero
			ART (mmH	116,	/ 77 (	92 •	NIBP Sta	art/Stop
CUP 20 50 PAP			CVP (mmH	g)	6		NIBP Auto Node	Alarn Setup (ALL)
<u> </u>	mm		」 PAP (mmHg) 然	20/	12 ( 16	) PCW 8	WIRP Cont.	Alarn History
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▲ The photograph is an image when the LC-8018TC is installed.

### 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.



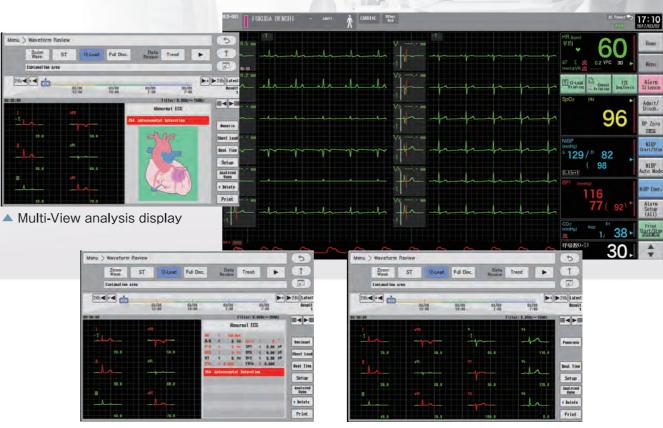


with HS-8312N image
 with DS-8007M image
 N = Nellcor type pulse oximeter unit
 M = Masimo type pulse oximeter unit



## 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.



Display analysis result

# Integration of BIS monitoring

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



BISx I/F unit : HBX-800



▲ Dominant waveform display

#### 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