



## Patient Monitoring System

# DS-7100 *Compact, Powerful Monitor* system

- **Monitors 2×ECG, RESP, 2×IBP, NIBP, TEMP, SpO<sub>2</sub> and EtCO<sub>2</sub>**
- **8.4-inch High-resolution Color LCD**
- **Displays up to 6 waveforms and all measured values**
- **Touch Screen for Easy Operation**
- **Built-in 3-channel Recorder**
- **Compatible with hardwire and telemetry systems**
- **Battery Operation (Option)**

DS-7100 System configuration

| Type              | DS-7141 | DS-7101LT | DS-7101L |
|-------------------|---------|-----------|----------|
| Hardwire          | ●       | ●         | ●        |
| Telemetry         | ●       | ●         |          |
| EtCO <sub>2</sub> | ●       |           |          |

## Specifications

|                          |                             |   |
|--------------------------|-----------------------------|---|
| Display                  | Type                        | 8.4 inch, TFT color LCD   |
|                          | Number of Colors            | 32  |
|                          | Waveforms                   | 6 maximum   |
|                          | Waveform Display            | Stationary trace mode, FREEZE function provided   |
|                          | Sweep Speed                 | 25 / 12.5 / 6.25mm/sec.   |
|                          | Waveform Display Time       | 6.8 sec. maximum @25mm/sec, Enlarged Display mode   |
| Operation                | Touchpanel Operation        |   |
| ECG                      | Analysis                    | Arrhythmia analysis, ST analysis(2-lead measurement)  |
| EtCO <sub>2</sub>        | Method                      | Microstream™  |
| Graphical Trend          | Parameters                  | HR, ST, VPC, IBP(SYS/DIA/MEAN), TEMP, SpO <sub>2</sub> , RR, APNEA, EVENT, NIBP(SYS/DIA/MEAN), CO <sub>2</sub> (*1) |
|                          | Time Base                   | 1 / 2 / 4 / 8 / 12 / 24-hour  |
| Tabular Trend            | Parameters                  | HR, ST, VPC, IBP(SYS/DIA/MEAN), TEMP, SpO <sub>2</sub> , RR, APNEA, NIBP(SYS/DIA/MEAN), EtCO <sub>2</sub> (*1)      |
|                          | Time Span                   | 1 / 5 / 10 / 15 / 30 / 60min.   |
| Short Trend              | Parameters                  | HR, ST, BP, SpO <sub>2</sub> , RR, NIBP, TEMP, EtCO <sub>2</sub> (*1)   |
|                          | Trending Time               | 5 / 10 / 15 / 20 / 25 / 30min.  |
| NIBP List                | Up to 120 measurements      |   |
| Recall                   | Up to 100 events            |   |
| OCRG Display             | Waveform                    | RESP or CO <sub>2</sub> (*1)  |
|                          | Trend Display               | HR and SpO <sub>2</sub>   |
|                          | Display Time                | 4 or 8min.  |
| Network                  | Hardwired                   | DS LAN II   |
| Communication            | Telemetry                   | Built-in Digital Transmitter(*2)  |
| Power                    | Power Requirements          | 115 ~ 240V AC; 50/60Hz  |
|                          | Battery (Option)            | DC14V Li-ion  |
|                          | Power Consumption           | 100VA max.  |
| Safety Standard          | IEC60601-1                  |   |
| Environmental Conditions | Operation temperature       | 10 ~ 40   |
|                          | Operation humidity          | 30 ~ 85% R.H.   |
|                          | Storage temperature         | -10 ~ 60  |
|                          | Storage humidity            | 10 ~ 95% R.H. ( at 60 )   |
| Dimensions               | 260(W) x 197(D) x 264(H) mm |   |
| Weight                   | Approx. 5.3kg (w/o battery) |   |

\*1: available on DS-7141

\*2: available on DS-7101LT and DS-7141

## Standard Accessories

Operation manual

## Optional Accessories

Accessory Kit: ASM-E3NP (incl. 3-lead ECG cable set, adult NIBP cuff and air hose)

ASM-E5BNP (incl. 5-lead ECG cable set, IBP branch cable, adult NIBP cuff and air hose)

ECG lead cables: #3380.0654.04(3-lead), #500351800(4-lead), #3380.0612.15(5-lead)

ECG relay cables: CI-700D-3(3-lead), CI-700D-4(4-lead), CI-700D-5(5-lead)

CI-700E-3(3-lead, ESIS), CI-700E-4(4-lead, ESIS), CI-700E-5(5-lead, ESIS)

IBP branch cable: CJ-7546

IBP interface cables: CJ-369, CJ-410, CJ-428

NIBP cuffs: CUF-7101(Large adult size), CUF-7102A(Regular adult size), CUF-7103(Small adult size),

CUF-7104(Pediatric size), CUF-7105(Infant size)

NIBP air hose: OA-7109B

SpO<sub>2</sub> sensors: NELLCOR OxiMax/OXISENSOR III series sensors

SpO<sub>2</sub> relay cable: DOC-10

CO<sub>2</sub> sampling lines: Microstream™ Sampling Lines

Chart Paper: OP-124TE

Battery: T4UR18650F-2-4644

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

Distributed by: