

## Performance

### Display

- ~ Type: 15 inch, TFT colour LCD
- ~ Resolution: 1024 x 768, XGA
- ~ Number of patients: 16
- ~ Waveforms: maximum 24
- ~ Waveform displayed time:  
Max. 12.6 seconds (25mm/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 and mouse/keyboard (option)

### Parameters

- ~ Waveform: ECG, BP, SpO<sub>2</sub>, RESP, CO<sub>2</sub>, O<sub>2</sub> and Agent
- ~ Measurement: HR, ST, VPC, BP, SpO<sub>2</sub>, RR, PR, APNEA, NIBP, TEMP, CO<sub>2</sub>, SvO<sub>2</sub>/CCO, CCI, GAS\_CO<sub>2</sub>, GAS\_O<sub>2</sub>, GAS\_N<sub>2</sub>O, GAS\_AGT and MAC
- ~ Arrhythmia analysis:  
ASYSTOLE, VF, VT, Slow VT, RUN, Tachy, Brady, Bigeminy, Frequent, Couplet, Trigeminy and PAUSE

### ECG

- ~ Measuring range:  
Adult/Child: 0,12 to 300 bpm  
Neonate: 0, 30 to 300 bpm

### ECG (continued)

- ~ Measurement accuracy:  
±3% or ±5 bpm, whichever is greater
- ~ Size: 1/4, 1/2, 1, 2 and 4

### Respiration

- ~ Measuring range: 0, 4 to 150 Bpm

### Blood Pressure

- ~ Measuring range:  
Depends on the transmitter or bedside monitor
- ~ Number of channels: 6 max.

### Non-Invasive BP

- ~ Measuring method:  
Depends on the transmitter or bedside monitor

### SpO<sub>2</sub>

- ~ Measuring method:  
Depends on the transmitter or bedside monitor

### Temperature

- ~ Measuring range:  
Depends on the transmitter or bedside monitor
- ~ Number of channels: 2 max.

### CO<sub>2</sub> concentration

- ~ Measuring method:  
Depends on the transmitter or bedside monitor

### Graphical Trend

- ~ Item: HR, ST, VPC, BP1~6, SpO<sub>2</sub>, PR, RR, APNEA, NIBP, TEMP, CO<sub>2</sub>, SvO<sub>2</sub>, CCO, O<sub>2</sub>, CCI, BT, GAS\_CO<sub>2</sub>, GAS\_O<sub>2</sub>, GAS\_N<sub>2</sub>O and GAS\_AGT
- ~ Storage time: 48 hours  
Display with 1, 2, 4, 8, 12 or 24 hours

### List Trend

- ~ Item: HR, ST, VPC, BP1~6, SpO<sub>2</sub>, PR, RR, APNEA, TEMP, CO<sub>2</sub>, SvO<sub>2</sub>, CCO, O<sub>2</sub>, CCI, BT, GAS\_CO<sub>2</sub>, GAS\_O<sub>2</sub>, GAS\_N<sub>2</sub>O and GAS\_AGT
- ~ Storage time: 48 hours  
Display with 1, 5, 10, 15, 30 or 60 min intervals

### NIBP List

- ~ 120 events per bed

### Recall

- ~ 200 events per bed (1 waveform displayed)

### Full Disclosure Waveform Recording

- ~ Continuous storage of patient data
- ~Recording time:  
Maximum 96 hours  
FCF-1000: 8 waveforms/96 hours  
FCF-16GA: 32 waveforms/96 hours

### ST Analysis Method

- ~ ST analysis: 2 ch measurement

## Built-in printer

- ~ Number of waveform: 3 max.
- ~ Printing type: Thermal
- ~ Printing speed: 25mm/sec
- ~ Waveform printed:  
ECG, RESP, SpO2, IBP and CO2

## Specification

### Dimensions

- ~ 350(W) x 244(D) x 387(H) mm  
(not including the protrusion)

### Weight

- ~ Approx. 11.5 Kg

### Environmental condition

- ~ Operating environment:  
Ambient temperature: 10 ~ 40°C  
Relative humidity: 30 ~ 85%
- ~ Transport/Storage:  
Ambient temperature: -10 ~ 60°C  
Relative humidity: 10 ~ 95%

### External connection

- ~ Serial connector (COM1~3)
- ~ PC/CF card
- ~ DS-LAN connector
- ~ Mouse/keyboard
- ~ Slave monitor output (SXGA)
- ~ Status I/O connector (II-1)
- ~ LAN connector
- ~ 2 antenna inputs  
(not provided for models DS-7700L  
and DS-7700WL)

## Safety

- ~ General Standard:  
IEC60601-1; 1990  
Amendment A1 to IEC60601-1; 1993  
Amendment A2 to IEC60601-1; 1995  
IEC60601-1-1; 2001
- ~ EMC Standard  
IEC60601-1-2; 2001
- ~ Electrical Shock Protection:  
Class I
- ~ Conformity:  
CE Marking per 93/42/EEC Directive

## Power

- ~ Power requirements:  
AC 100 ~ 240V, 50/60Hz
- ~ Power consumption:  
150 VA max.

## Usable lifetime

- 6 years according to the self  
certification

