

F12 / F15 / F18 Patient Monitor

Intensive care/Sub-intensive care

13.3 inch

15.6 inch

18.5 inch



Overview

The patient monitors are designed to meet daily clinical needs and seamlessly integrate into the hospital workflow. The modular design and interface are designed to meet clinical requirements for various parameters. A variety of monitor models have more and more accurate practical clinical application values. In acute care, patient monitors must be reliable, easy to use, have advanced parameters, and allow access to data when needed. During patient transportation, the equipment should be easy to carry. The F series of patient monitors are lightweight, powerful, and intuitive in user interface. They are the best choice for acute, in- and out-of-hospital transfers.



HD Display



Touch Screen



Silence



Intelligent Setting



Easy Clean



More Readable



APS TECHNOLOGY

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Features

Excellent Performance

>The monitor adopts a modular design and a compact structure to meet the needs of various different parameter detections. It is suitable for adults, children and newborns.

>Upgradable module is interchangeable (plug and play type).

>13.3 inches/15.6 inches/18.5 inches colour LED screen with touch screen and /or rotator knob.

>Multiple screen layout to view big font size in numeric and waveform.

>Capable to visualize 6 or more waveform. IBP supports colour coding for different waveforms.

>Trending facilities for upto 1200 hours of both graphical & numerical along with eventreview facility for all parameters and full waveform disclosure facility.

Powerful function:

>Standard parameters: SpO₂ , ECG, PR, RESP, NIBP,2*TEMP.

>Optional parameters: 12 Lead ECG, CO₂, 4*IBP, C.O., ICG, Ai, AG, O₂, EEG, NMT, RM;

>Arrhythmia detection and analysis in various leads. ST segment analysis with ST trend with continuous display of ST value on screen.

>Different visual alarm with colour coding and audible alarms for various parameters with three levels of volume adjustment.

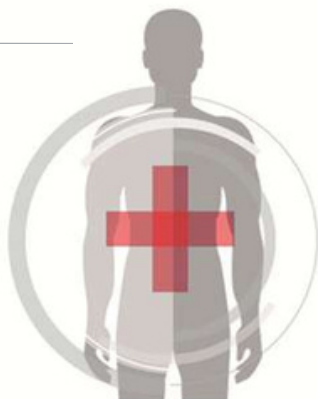
>A inbuilt battery backup of 4 hours. Energy-saving and low-power design extends battery life. Fanless design ensures a quieter, cleaner environment.

>Support HL7 protocol to access the Central Monitoring System.

EEG Ai

Resp CO₂
AG

ECG SpO₂
IBP/NIBP TEMP
PR

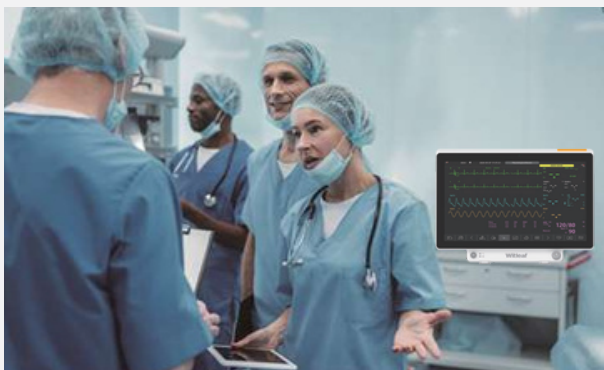


EEG and Ai Monitor Optimizing Anesthesia Delivery with Ai™ Monitoring

Patented CapnoSET and TiniStream technology

Excellent ECG analysis and Anti-motion NIBP & SpO₂ Algorithm

Multi-scenario application: Intensive care/Sub-intensive care



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Plug-in Modular



Optional:

12 Lead ECG, CO₂ (Sidestream CO₂ , TiniStream CO₂ , Mainstream CO₂) , IBP (IBP1/IBP2, IBP3/IBP4) , C.O., ICG, AI, AG, O₂, EEG (2/4 channels), NMT



Central Monitoring System



F12

F15

F18

x64*

Central Monitoring System supports up to 64 beds or 64 patients across clinical units at the same time.

72 hours of 64-channel holographic physiological waveform storage and review.

Provides review of up to 240 hours trend data storage, 720 alarm events per beds.

Bi-directional communication with F Series monitors for enhanced patient care.



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Physical Parameter

Dimensions :

F12 : 13.3 inch (34cm*16.6cm*30cm)

F15 : 15.6 inch (39cm*16.6cm*30cm)

F18 : 18.5 inch (46cm*16.6cm*33cm)

Weight : (Including battery,built-in module)

F12 : 4.6kg

F15 : 5.0kg

F18 : 6.6kg



Specifications

SpO₂

SpO₂ Range: 0~100%

SpO₂ Accuracy : 70~100%,±2% <70%,Undefined

PI Range : 0~20%

PIV Range : 0~100%

PR Range : 25~300bpm

PR Accuracy : ±3bpm

ECG

ECG Range : 0.15~5.5mV

ECG Resolution : 2.36uV/LSB

HR Range : 15~300bpm(adult) 15~350bpm(child/neonate)

HR Accuracy : ±1bpm or ±1% (whichever is greater)

RR Range: 0~200rpm

RR Accuracy: 6~200rpm: ±2rpm

<6rpm: Undefined

TEMP

Range 0-50°C

Accuracy ±0.1°C

Resolution 0.1°C



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NIBP

Static Pressure Range: 0~300mmHg

Static Pressure Accuracy: $\pm 2\text{mmHg}$ or $\pm 1\%$ of reading (take the larger value)

Static Pressure Resolution: 1mmHg

Blood pressure SYS Range: Adult: 25~290mmHg

Pediatric: 25~240mmHg

Neonate: 25~140mmHg

Blood pressure DIA Range: Adult: 10~250mmHg

Pediatric: 10~200mmHg

Neonate: 10~115mmHg

Blood pressure Mean Range: Adult: 15~260mmHg

Pediatric: 15~225mmHg

Blood pressure Accuracy: The mean deviation $< \pm 5\text{mmHg}$, The standard deviation $< 8\text{mmHg}$

IBP (Optional)

Pressure Range: -50~400mmHg

Accuracy: $\pm 2\text{mmHg}$ or $\pm 1\%$ of reading (take the larger value)

PR Range: 20-350bpm

PR Accuracy: $\pm 3\text{bpm}$

C.O. (Optional)

Range: 0.20~20.00L/Min

Accuracy: $\pm 0.2\text{L/Min}$ or $\pm 5\%$ (take the larger value)

EtCO₂ (Optional)

CO₂ Range: 0~20.0vol%

CO₂ Accuracy: 0~12vol%: $\pm (0.2\text{vol}\% + 2\% \text{ of reading})$

12~20vol%: $\pm (0.2\text{vol}\% + 6\% \text{ of reading})$

AwRR Range: 0~150rpm

AwRR Accuracy: CapnoSET: 0~150rpm, $\pm 1\text{rpm}$

SideStream: 0~70rpm, $\pm 1\text{rpm}$

>70rpm, Undefined



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