F1 Smart Monitor

Multiple Scenarios

Overview

The F1 patient monitor is designed to meet diverse clinical monitoring needs. It's an all-in-one device with expandable capabilities, serving as a powerful transport monitor, a versatile bedside monitor, and a highly integrated multi-parameter plug-in module for the W and F series. It includes basic parameters, supports 12-channel ECG, and can be expanded flexibly for $EtCO_2$ and dual-channel IBP.

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Features

Excellent performance:

> LowPulseStr™ SpO_2 algorithm more reliable readings of SpO_2 during low perfusion and motion.

>iFastBP® NIBP algorithm used for fast and comfortable measurement.

> wSmartHeart® ECG technology for more safey monitoring of patient.

> iRealResp™ Breating rate technology to get the real reading during motion.

>wSmartGas® Capnograph technology to get reliable reading during multi-environment.

> e T e l eView™ Central Montior system support.

Powerful function:

> Multi display mode other beds view/Big font.

>Wi-Fi connectivity more flexible application.

> Easy to use with excellent usability.

>5.5" capacitive touchscreen display with smart control.

> up to 48 hours of full disclosure.

> Standard 2.4/5 GHz dual band wireless communication .

> Flexible longer battery time design without EtCO2.

>IP44 grade particle and water resistant.

> S e rves as the core plug-in modular for W-Series & F-Series monitors.

Central Monitoring System

x64*

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

240 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 monitors for enhanced patient care.

Product Optional Guider

Standard application	Optional application
3/5 Leads ECG	12 Leads ECG
NIBP	IBP*2
RESP	$EtCO_2$(Tinistream)
SpO_2	Central monitoring system
PR	Wi-Fi
HR	Docking station
TEMP	
Touch screen	

Product Specifications

Parameter

SpO_2

SpO_2 Range: 0~100%

SpO_2 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: Adult: 15~300bpm

Pediatric, Neonate: 15~350bpm

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

RR Range: 0~200rpm

RR Accuracy: 6~200rpm: ±2rpm

<6rpm: Undefined

Parameter

TEMP

Range: 0-50°C

Accuracy: ±0.1°C

Resolution: 0.1°C

NIBP

Pressure Range: 0~300mmHg

Pressure Accuracy: ±2mmHg or ±1% of reading (take the larger value)

Resolution: 1mmHg

SYS Range: Adult: 25~290mmHg	Pediatric: 25~240mmHg	Neonate: 25~140mmHg
DIA Range: Adult: 10~250mmHg	Pediatric: 10~200mmHg	Neonate: 10~115mmHg
Mean Range: Adult: 15~260mmHg	Pediatric: 15~225mmHg	Neonate: 15~125mmHg
Accuracy: The mean deviation <±5mmHg	The standard deviation<8mmHg	

IBP (Optional)

Pressure Range: -50~400mmHg

Accuracy: 2mmHg or ±1% of reading (take the larger value)

PR Range: 20~350bpm

PR Accuracy: ±3bpm

$EtCO_2$ (Optional)

CO_2 Range: 0~20.0vol%

CO_2 Accuracy: 0~12vol%: ± (0.2vol% + 2% of reading)	12~20vol%: ± (0.2vol% + 6% of reading)
AwRR Range: 0~150rpm	
AwRR Accuracy: TiniStream®: 0~70rpm, ±1rpm	71~150rpm, Undefined