Athos T Series
Transport Monitor
Transport Care/Bedside Care

ZUG®
MEDICAL SYSTEMS

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 EtCO2 and dual-channel IBP.

FEATURES

Excellent Performance :

> LowPulseStr™ SpO2 algorithm more reliable readings of SpO2 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.

> eTeleView™ 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 and Bluetooth.

> Flexible longer battery time design without EtCO2.

> IP44 grade particle and water resistant.

> Serves as the core plug-in modular for W-Series & F-Series monitors.

CENTRAL MONITORING SYSTEM

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.

x64*

PRODUCT OPTIONAL GUIDER

Standard application	Optional application
3/5leads ECG	12Leads ECG
NIBP	IBP*2
RESP	EtCO2 (TiniStream)
SPO2	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%

PVI Range: 0.001%

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: Adult: 0~120rpm

             Pediatric, Neonate: 0~150rpm

RR Accuracy: 15~150rpm: ±2rpm or ±2% <15rpm: Undefined

TEMP

Range: 0~50℃

Accuracy: ±0.1℃

Resolution: 0.1℃

RESP

Range: 0~120rpm

Accuracy: 15~120rpm; ±2rpm or ±2% of the reading

             (which one is larger); Others, undefined

Resolution: 1rpm

NIBP

Static Pressure Range: 0~300mmHg

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

Static Pressure Resolution: 1mmHg

Blood pressure SYS Range: Adult: 40~270mmHg   Pediatric: 40~235mmHg   Neonate: 25~130mmHg

Blood pressure DIA Range: Adult: 10~210mmHg   Pediatric: 10~200mmHg   Neonate: 10~90mmHg

Blood pressure Mean Range: Adult: 20~230mmHg   Pediatric: 20~225mmHg   Neonate: 15~100mmHg

Blood pressure Accuracy: The mean deviation<±5mmHg   The standard deviation<8mmHg

IBP (Optional)

Pressure Range: -50~400mmHg

Accuracy: ±2mmHg or ±1%

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