XH-30 Series
Handheld Vital Signs Monitor

Comfortable grip
Using ergonomic design

Bluetooth
connection

Sound and light
double alarm

Overview

XH-30 series is clinicians' favorite, widely used, scientifically designed handheld monitor that is highly convenient and an ideal device for spot-checks and continuous monitoring in various healthcare and home use settings. Its ergonomic shape and simple design make it intuitive to use and easy to operate. The XH-30 series is an essential healthcare companion for medical professionals, offering highly precise EtCO2 and real-time blood oxygen monitoring, as well as patient's temperature and pulse rate monitoring. It has a 5 inch, smart touch screen LCD display, with an easy user-friendly interface. A spot-check handheld monitor which can measure your vital signs in less than a minute has research proven benefits in neonatal, pediatric and adult patients. This elegant and exquisite vital signs monitor is equipped with up to date sensors, in-line with the modern healthcare guidelines, and offers robust monitoring features in all kinds of climatic and clinical extremes such as hot / cold weather and emergency situations such as neonatal ICU, shock patients and home monitoring of critical patients. The monitor incorporates digital signal processing technology to deliver exceptionally accurate, extremely reliable SpO2 and pulse rate values even during low perfusion and signal interference, including patient motion.

Vital Signs at a giance

▶ **XH-30A**
SPO2
PR
TEMP
EtCO2(Mainstream)

▶ **XH-30B**
SPO2
PR
TEMP
EtCO2(Sidestream)

▶ **XH-30C**
SPO2
PR
TEMP
EtCO2(External Sidestream)

▶ **XH-30D**
SPO2
PR

▶ **XH-30E**
SPO2
PR
EtCO2(Mainstream)

▶ **XH-30F**
SPO2
PR
EtCO2(Internal Sidestream)

▶ **XH-30M**
SPO2
NIBP
ECG

▶ **XH-30A(T)**
SPO2
PR
NIBP
TEMP

Features

> Comfortable grip, ergonomic design

> 5.0 inch high resolution color LCD screen display

> Touchable display

> Night mode, power saving and eye protection

> Plug and play

> Ultra-light, compact and portable

> Bluetooth data transmission, remote monitoring, convenient for centralized data management

> Support report printing

> Multi-mode display interface, information trend record

> Sound and light double alarm

> Adjustable screen brightness

> Four monitor models to choose from

> Patient information record and equipment verification function

> Dedicated base, rechargeable, connect to the Internet

> Equipped with 6000mA lithium battery

> Up to 5H battery life

Flexible Application：
Out-Hospital patient care
Emergency
Transport inside or outside
hospital

More than a Conventional handheld Pulse Oximeter:
Patient manage system,Data transmission connectivity ability via flexible protocol
Selectable parameters include Capnography,Puse Rate,SPO2 and temperature
Easy to use by any user, clinical professional and home-care,Excellent Usability
Engineering project design

CapnoSET® sensor

Tini Stream®5 sensor

Anti-drop

Specifications

SPO2

Range :0~100%
Accuracy : ±2%（70%~100%）Undefined (<70%）
Resolution: 1%

PR

Range : 25~250bpm
Accuracy : ±3bpm
Resolution: 1bpm

EtCO2

Range : 0~20vol%
Accuracy : 0~12 vol%： ±(0.2vol%+2%of reading）
　　　　　12~20vol%： ±(0.2vol%+6%of reading）
Resolution: 1mmHg

AwRR

Range : 0~150rpm
Accuracy : ±1rpm （0~70rpm）
　　　　　Undefined （within other ranges）
Resolution: 1rpm

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% (whichone is greater)

TEMP

Range : 0~50℃
Accuracy : ±0.1℃
Resolution: 0.1℃

NIBP

Pressure Range	0~300mmHg
Pressure Accuracy	±2mmHg or ±1% of reading (take thelarger value)
Resolution	1mmHg
SYS Range	Adult:40-270mmHg Pediatric:40-200mmHg Neonate:40-130mmHg
DIA Range	Adult:10-210mmHg Pediatric:10-162mmHg Neonate:10-90mmHg
Mean Range	Adult:20-230mmHg Pediatric:20-170mmHg Neonate:20-100mmHg
Accuracy	The mean deviation<±5mmHg The standard deviation<8mmHg

Physical parameter

Dimensions	80x45x180mm
Weight	<2kg(Without accessories)

Operating environment

Operating humidity	15%~95%RH,non-condensing
Operating temperature	0℃~40℃
Power supply	AC100~240V(±10%) (50/60HZ) ±3HZ, 60VA

Compliance

Standards	IEC 80601-2-61:2017
	IEC 80601-2-56:2017
	IEC 80601-2-55:2018
	IEC 80601-2-A1:2020

Patent

SPO2

Patent   Patent No: ZL 2019 1 0907433.8
ZL 2019 2 1510989.5
ZL 2019 2 1596814.0

RESP

Patent   Patent No: ZL 2014 1 0429201.3
ZL 2014 2 0489133.5
ZL 2021 2 0480587.6

EtCO2

Patent   Patent No: ZL 2018 1 0713045.1
ZL 2018 1 0713152.4
ZL 2020 2 1177039.8
ZL 2019 2 0722093.7
ZL 2017 2 0804416.8
ZL 2017 2 0293754.X

ECG

Patent   Patent No: ZL 2015 0484280.2
ZL 2019 1 0064711.8
ZL 2017 1 0691935.2
ZL 2021 2 0480587.6

Software copyright patent

Patent No: 2020SR0071367

Appearance patent

Patent No: ZL 2017 3 0393516.1

* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions

Address： Building A-1201, Senyang High-tech Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China

Tel： +86 0755-21384132

Email： sales@szwitleaf.com

Web： www.szwitleaf.com

NMPA   CE 0123   Witleaf