Portable

Accurate

Compact

Comfortable

Prime Innovation for Medical Application

SatLite® series

Handheld Pulse Oximeter

ZUG® MEDICAL SYSTEMS

Overview

SatLite series are two hand held pulse oximeter and capnograph devices. They can be used for a variety of patients including but not limited to hospital's operation room, ICU, clinic section office, out-patient department, sickroom, emergency treatment, and recovery. They can also be used in health care organizations, at home or while transporting patients.

These devices are portable, lightweight and are designed to provide first respondents, clinicians and care givers with fast, reliable and accurate measurements in any healthcare setting. Some models come with a fingertip probe which comfortably attaches to the finger and the fine sensor helps in recording accurate results.

SATLite series offers two hand held devices: SATL-LCD and SATL-TFT (out of which the SATL-TFT device has a range of models to choose from)

SATL-LCD

SATL-OLED

TiniStream®5

Optional CO_2 Sensor

M401 Sensor

Product Features

- Used for measurement of SpO2, PR and PI
- Transfers the real-time pulse wave signal, which is based on the absorption of infrared spectrum
- Large and easy to read LCD screen
- Screen backlight switch function with electromagnetic compatibility that helps to see the screen in the dark
- Result statistics available in numeric form with a moving pulse bar format
- Automatic shutdown function
- Supports data storage which can be redisplayed later
- Data can be exported to any device
- Time and date can be adjusted
- Adult finger clip probe is included with the device
- Sound alerts for key tone, pulse tone, low oxygen, low pulse rate and high pulse rate
- Efficient battery consumption with power indicator displayed on the screen
- Uses 3 AA batteries with long run time of up to 10 hours

SATL-LCD

- 3.2"TFT color display with touch screen and adjustable brightness
- Available in 4 different models with multiple options (listed below)
- Result statistics are shown in numeric, plethysmogram and capnogram format (depending on the model)
- Fingertip probe helps in detecting the SPO2 readings
- Time and date can be adjusted
- Device is automatically shut down if not used for a particular time period to save battery
- Efficient battery consumption with power indicator displayed on the screen
- Sound alerts for key tone, pulse tone, low oxygen, low pulse rate and high pulse rate
- Supports data storage which can e redisplayed later
- Data can be exported to any device
- Multilanguage device with 8 options to choose from (English, French, German, Polish, Spanish, Portuguese, Russian and Chinese)

SATL-OLCD

SATL-OX

- Used for measurement of **SpO_2 with PR, PI, RR**
- This model includes an adult fingertip probe

SATL-OXT

- Used for measurement of **SpO_2 with PR, PI, RR**
- This model includes an adult fingertip probe and rechargeable Lithium battery

SATL-OXP

- Used for measurement of **SpO_2 with PR, PI, RR**
- This model includes rechargeable Lithium battery
- Optional skin temp sensor
- Optional 1 channel ECG
- Optional rubber protection
- Optional deck holder

SATL-MC

- Used for measurement of **SpO_2 with PR, PI, RR, $EtCO_2$, AWRR**
- This model includes an adult fingertip probe, rechargeable Lithium battery and CapnoSET mainstream CO_2 with one airway adapter

SPECIFICATIONS

SPO2

Measurement range	0~100%
Measurement accuracy	±2%（70%~100%）Undefined （<70%）
Measurement resolution	1%

PI

Measurement range	0~20%
Measurement accuracy	Undefined
Measurement resolution	0.001%

PR

Measurement range	25~250bpm
Measurement accuracy	±3bpm
Measurement resolution	1bpm

CO2

Measurement range	0~20.0vol%
Measurement accuracy	0~12.0%:±(0.2vol%+2% of reading) 12~20.0%:±(0.2vol%+6% of reading)
Measurement resolution	1rpm

AwRR

Measurement range	0~150rpm
Measurement accuracy	±1rpm（0~70rpm）Undefined （<70rpm）
Measurement resolution	1rpm

Compliance

Standards compliance	IEC 60601-1:2012 IEC 60601-1-8:2012 IEC 60601-1-12:2014 ISO 80601-2-61:2011 ISO 80601-2-55:2018