



# VITAL SIGN MONITOR

# SIGNSCOPE 5

Tabletop Vital Sign Monitor is a compact, user-friendly and portable device measuring Patient Vital Sign Parameters in Clinical Environment, Hospitals, Emergency Centers, Acute Care and at Home for Adult, Paediatric and Neonatal Patients.

## Features At Glance

- Compact, portable, durable design with built in handle
- Soft and colorful buttons makes the operation easy
- Accurate SpO2 measurement in low perfusion status
- Adjustable alarm limits, visible & audible alarm indications
- Easy to use intuitive 7 Inch color coded high resolution display

## Technical Parameters

### Configuration

Standard	SpO2+PR
Optional	ECG+RESP+TEMP+NIBP+ Trolley

### General

Weight	2.05kg (4.52 lb), including 1 battery
Dimensions	324mm W x 129mm H x 183 mm D (12.76in. W x 5.08in. H x 7.20in. D)
Display	
Screen size	177.8 mm ( 7in.), measured diagonally
Screen type	TFT LCD, white LED backlight, viewing cone of 60° and optimal viewing distance of 1.5 meter
Resolution	800 x 480 pixels
Alarms	
Categories	Patient status and system status
Priorities	Low, medium, and high
Notification	Audible and visual
Setting	Full storage, low battery and sensor off
Alarm volume level	45 to 85 decibels
Alarm system delay	<10seconds

### SpO2

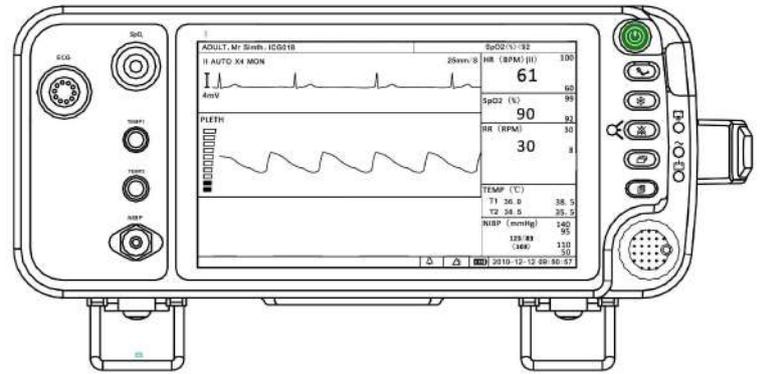
Measurement range	1% to 100%
Accuracy	70-100% (±2%)
Resolution	1%
Display sweep speed	10.00 mm/sec

### Pulse Rate

Measurement range	20bpm to 250bpm
Accuracy	±2bpm/±2% take maximum
Resolution	1bpm

### 5-Lead ECG (Optional)

Measurement range	25bpm to 250bpm
Accuracy	±2bpm/±2% take maximum
Resolution	1bpm
Leads	I,II,III,V,aVR,aVL or aVL
Display gain	X1/4, X1/2, X1, X2, X4
Display sweep speed	6.25, 12.5, 25, 50mm/sec



### RESP (Optional)

Measurement range	0-130rpm
Accuracy	±1 pm
Resolution	1rpm

### 2-TEMP (Optional)

Measurement range	0-50°C
Accuracy	±0.2°C
Resolution	0.1°C

### NIBP (Optional)

Method	Oscillometric
Measurement range	0-300mmHg
Accuracy	Based on ANSI/AAMI SP10:1992 and 2002 Standards
Measurement Time	30-50s typical
AUTO Interval Times	2, 3, 5, 10, 30 min, or 1, 2h

### Trend

	Tabular
Memory	Saves a total of 120 hours of data events; saves date and time, alarm conditions, measurements
Tabular format	One table for all parameters

### Environmental

	Transport and Storage	Operating Conditions
Temperature	-40°C to 75°C (-40°F to 167°F)	0°C to 50°C (32°F to 122°F)
Altitude	-500 to 5,000m (-1,640 to 16,404 ft.)	
Relative humidity	15% to 95% noncondensing	

### Power Requirements

Battery	Four new lithium batteries with 4,400mAh will typically provide 4.5 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
Type	Lithium Batteries, 4,400mAh, DC 11.1V
Voltage	AC 100-240V, 50-60Hz, 80VA

**SIGNSCOPE PalmOxy** The next generation in handheld pulse oximetry- small yet versatile digital pulse oximeters designed to accurately access oxygen saturation & pulse rate. The compact size, ease of operation, Color LCD display & exceptional battery life makes the PalmOxy ideal for your portable patient monitoring needs.

## Features At Glance

- Suitable for Adults, Pediatric and Neonate Patients
- Perfusion index indicates arterial pulse signal strength
- Easy to use simple operation with AC charger & battery
- Three measurements modes: spot-check, monitoring and record
- Ergonomically designed to fit comfortably in the palm of your hand
- LCD display indicate SPO2 & Pulse rate measurements, Plethysmogram & Trend Table



## Technical Parameters

### General

Weight	280g(0.617lb)with batteries
Dimensions	78.5mmWx158mmHx31.5mmD (3.09in.Wx6.22in.Hx1.24in.D)
Display	
Screen size	88.9mm(3.5in.),measured diagonally
Screen type	TFTLCD, white LED backlight
Resolution	320x480pixels
Alarms	
Categories	Patient status and system status
Priorities	Low,medium,and high
Notification	Audible and visual
Setting	Fullstorage,low battery and sensor off
volume level	45 to 85 decibels
system delay	<10seconds

### SpO2

Measurement range	1% to 100%
Accuracy	70-100% (±2%)
Resolution	1%
Display wave speed	10.00 mm/sec

### Pulse Rate

PR range	20bpm to 250bpm
Accuracy	±2bpm/±2% take maximum
Resolution	1bpm

### Power Requirements

Battery	Lithium-Ion batteries with 4,400mAh will typically provide 15hours of monitoring with no external communication, no audible alarm sound.
Type	Lithium-Ion Battery
Voltage	3.7V

### Environmental

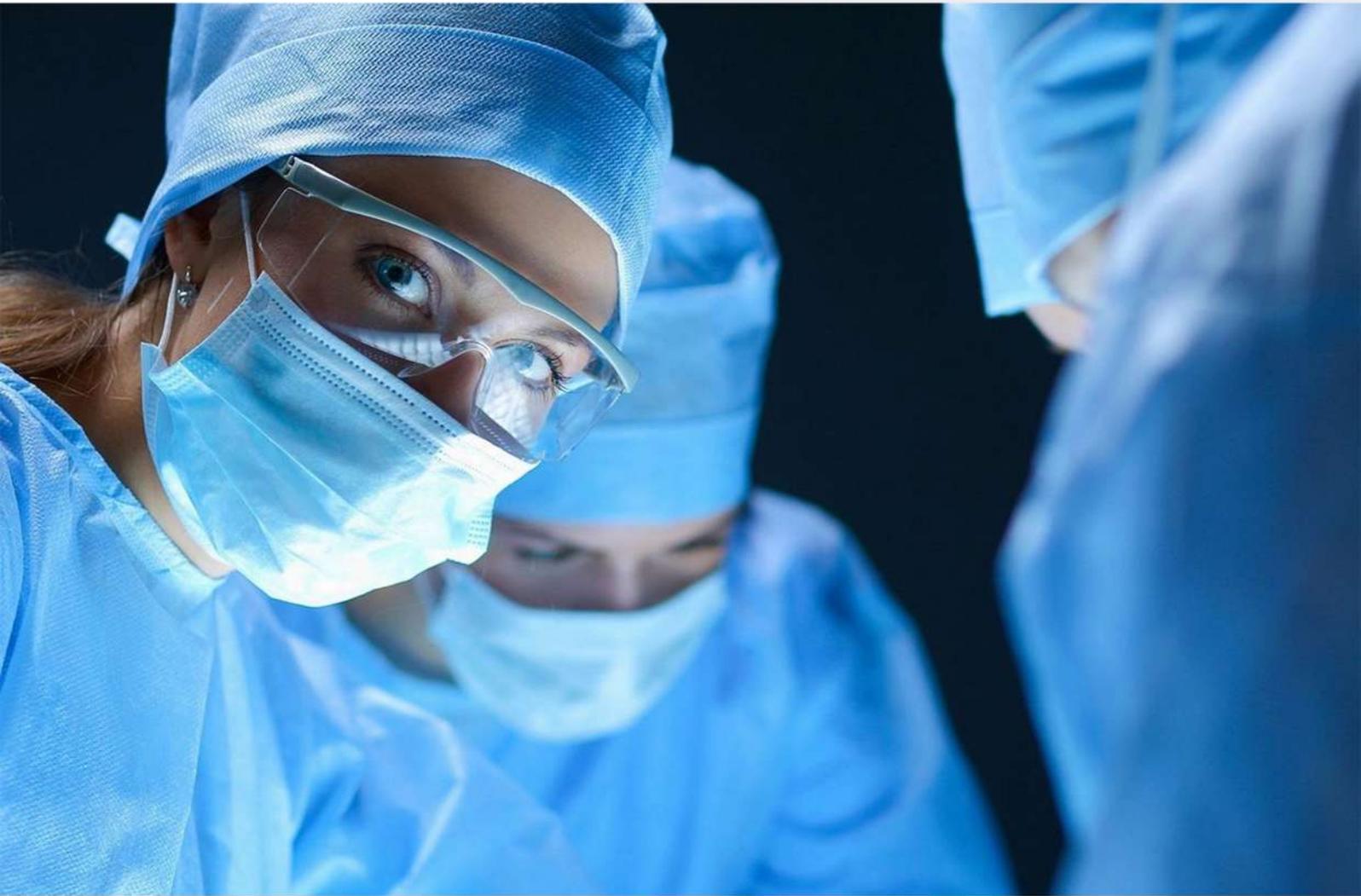
	Transport and Storage	Operating Conditions
Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	0 °C to 45 °C (32 °F to 113 °F)
Altitude	-500 to 5,000m (-1,640 to 16,404 ft.)	
Relative humidity	15% to 95% non condensing	

### Configuration

Standard	Adult finger clip SpO2 sensor, Main unit, Protective Cover and AC Adapter
Optional	Neonate SpO2 sensor, Pediatric SpO2 sensor Various SpO2 sensors (earclip, disposable, silicone softtip)

### Trend

	Tabular
Memory	Saves a total of 120hours of data events; saves date and time, alarm conditions, measurements
Tabular format	One table for all parameters



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