

UT100 Handheld Pulse Oximeter

The UT100 HandHeld Pulse Oximeter puts pulse oximetry technology in the palm of your hand. Designed to provide fast, reliable SpO2 and pulse rate measurements. It is a portable device for spot-checking, record or continuous monitoring of adult, pediatric or neonate patients. It can be used in the hospital, clinical environment, homecare, and during emergency land transportation.

Features:

- ◆ 2.8" high resolution color display, two display directions.
- Turn off automatically for power saving.
- Two types of power supply: AC charge or 4 AA batteries.
- Three measurement modes: spot-check, record and monitoring.
- ◆ 3-level visual and audio alarms with adjustable alarm ranges.
- Continuous stores data for 999 patient files in 120 hours.
- ◆ Data can be stored on a computer and managed, analyzed and printed by using the ODMS system.
- Silent sleep monitoring, with data storage and automatic power-saving features for patients with 24 uninterrupted care. Suitable for adults, pediatric and neonate patient.



Horizontal display mode with three slecting workingmodes.



ODMS System, functional data analysis software.



Support free customization of multiple languages.

ACCESSORIES



Disposable SpO2 sensor



Pediatric SpO2 sensor



Neonate SpO2 sensor



Silicone soft SpO2 sensor





Parameters

Enclosure	
Weight	258g (0.569 lb), including four batteries
Dimensions	75mmWx 135mmH x28mmD (2.95 in. Wx531 in. H x1.10in. D)
Display	
Screen size	71.1 mm (2.8 in.), measured diagonally
Screen type	TFT LCD, white LED backlight, viewing cone of 60° and optimal viewing distance of 1 meter
Resolution	240x320 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

Electrical	
Battery	Four new Ni-Mh batteries with 4,800mAhwilltypically provide 20 hours of monitoring with no external communication, no audible alarm sound and at an ambient temperature of 2 5°C
Type	Alkaline/Ni-Mh Batteries, IEC: LR6
Voltage	1.5 Vx4 for Alkaline Batteries, 1.2V x4 for Ni-Mh Batteries

Environment

	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% noncondensing	

SpO2	
Aturation range	1% to 100%
Accuracy	70-100% ±2%), <70% undefined
Resolution	1%
Display sweep speed	10.00 mm/sec

Trend

	Tabular
Memory	Saves a total of 120 hours of data events; saves date and time, alarm conditions, pulse rate, and SpO2 measurements
Paper Speed	One table for all parameters

Pulse Rate	
Aturation range	25bpm to250bpm
Accuracy	±2bpm/±2% take maximum
Resolution	1bpm

Configuration	
Standard	Adult finger dip SpO2 sensor, Hanging Strip
Optional	Neonate SpO2 sensor, Pediatric SpO2 sensor, Various SpO2 sensors(ear clip, disposable, silicone soft tip, etc), AC adapter, Alkaline/Ni-Mh Batteries, Protective Cover, Data Analysis Software