

UT100

Handheld Pulse Oximeter



Unmatched clinical performance!

The **UT100 Handheld Pulse Oximeter** is a compact, user-friendly and portable device, measuring oxygen saturation (SpO2) and pulse rate (PR) in hospital and clinic environment, emergency center and home for adult, pediatric and neonatal patients.



UTech Co., Ltd.

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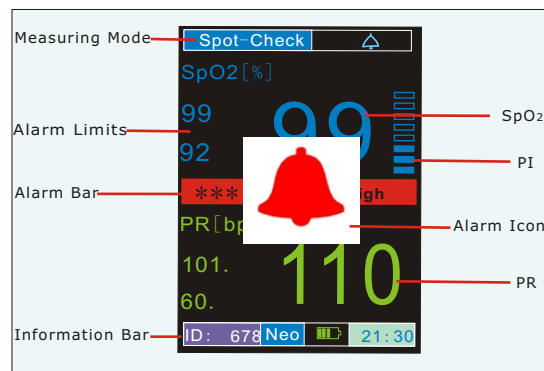


ISO 13485:2003

UT100 Handheld Pulse Oximeter

Features

- Color LCD Display and Screen Rotation
- Automatic power-off function for power saving
- Three selectable working modes
- Long battery life-up 20 hours on 4"AA" Alkaline or Ni-MH rechargeable batteries
- Powerful data storage capacity
- Patient information management
- Data can be transferred to PC for storage review and printing
- Audible and visible alarm capability



Technical Specifications

Performance

Measurement Range

SpO₂..... 0-100%
PR..... 25-250 (bpm)

Saturation Accuracy

Saturation..... 70-100%
Normal..... ±2%
Motion or Low Perfusion..... ±3%
Saturation..... <70%, undefined

Pulse Rate Accuracy

PR..... 25-250 (bpm)
Normal..... ±2bpm
Motion or Low Perfusion..... ±3bpm

Resolution

Saturation (%SpO₂)..... 1%
Pulse Rate (PR)..... 1bpm

Electrical

AC Power Requirements..... 100-240VAC, 47-63Hz
Power Consumption..... 20VA

Batteries

Type..... Alkaline/Ni-Mh Batteries
Operating Time..... >20Hours
Charge Time..... <6Hours

Environment

Operating Temperature..... 0-45°C
Storage Temperature..... -20-60°C
Operating Humidity..... 30-95%
Operating Altitude..... -500-5000m

Physical Characteristics

Dimensions..... (13.5cm×7.5cm×2.8cm)

Weight..... 258g with batteries

Alarms

Audible and visual alarms for high and low saturation (0-100%), pulse rate (25-250bpm), Sensor off, full storage and low battery

Alarm Volume..... 85dB

Product Accessories

Standard Package		Optional Accessories	
Part Number	Description	Part Number	Description
UT100B	UT100 Pulse Oximeter Main Unit	4211	Various SpO ₂ Sensors (including Ear Sensor)
US10BS	Adult Reusable SpO ₂ Sensor	UTPW0920	AC Adapter (Charger)
1615	Hanging Strap	1616	Protective Cover (Stand)
5479		DAS3000	Data Analysis Software CD



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