

UT100

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Medical Supplies since 1953

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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.



UT
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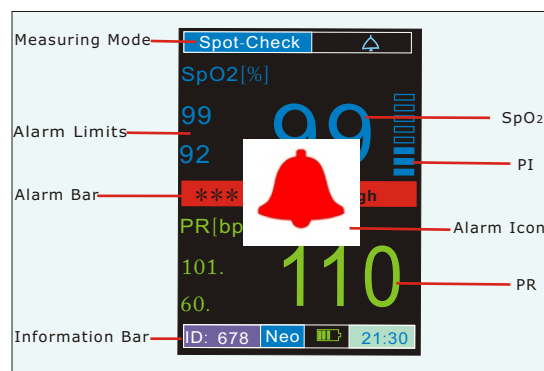
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UT100 Handheld Pulse Oximeter

Features

- Color LCD Display and Screen Rotation
- Automatic power-off function for power saving
- SpO2 and Pulse rate measurement
- Three selectable working modes
- Long battery life-up 20 hours on 4 "AA" 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..... 30-250 (bpm)

Saturation Accuracy

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

Pulse Rate Accuracy

PR..... 30-250 (bpm)
Normal..... $\pm 2\text{bpm}$
Motion or Low Perfusion..... $\pm 3\text{bpm}$

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 (30-250bpm), 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	Pediatric Reusable SpO2 Sensor
US10BS	Adult Reusable SpO2 Sensor	UTPW0920	AC Adapter
1615	Alkaline Batteries	1616	AA Size Ni-MH Batteries
5479	Hanging Strap	DAS3000	Data Analysis Software CD



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