

# UT100

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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.



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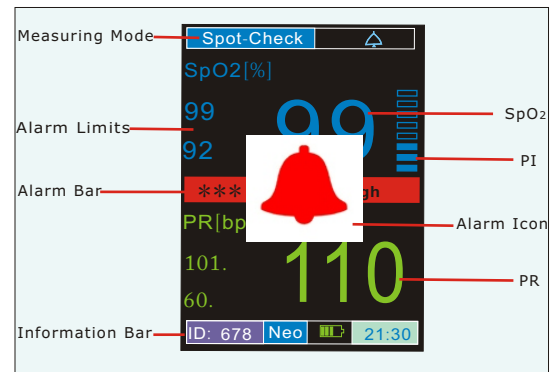
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# UT100 Handheld Pulse Oximeter

## 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..... ±2%  
Motion or Low Perfusion..... ±3%  
Saturation..... <70%,undefined

#### Pulse Rate Accuracy

PR..... 30-250 (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(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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