

# 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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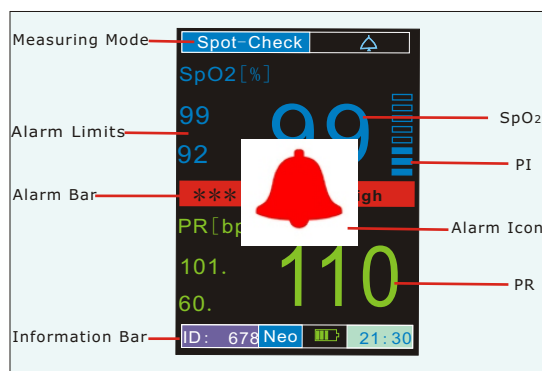


**ISO 13485: 2003**

# UT100 Handheld Pulse Oximeter

## Features

- Color LCD Display and Screen Rotation
- Automatic power-off function for power saving
- SpO2 and Pulse rate measurement
- 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..... 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                 | Various SpO2 Sensors      |
| US10BS           | Adult Reusable SpO2 Sensor     | UTPW0920             | AC Adapter (Charger)      |
| 1615             | Hanging Strap                  | 1616                 | Protective Cover (Stand)  |
| 5479             |                                | DAS3000              | Data Analysis Software CD |



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