The Scope of Application

Pulse oximeter is a very important and common device to check patient blood-oxygen saturation (SpO₂) level and pulse rate. As a portable, compact, simple, reliable and durable physiological monitoring device, handheld pulse oximeter MD300K1 greatly enhances patient care. It is widely applied in clinic, hospital, social medical organizations, first aid and so on…

The special design for more intensity is more suitable for first aid and clinic.

Features:

- Special Design for more intensity
- Convenient clinic operation
- Low power consumption
- Digital LEDs display
- Display SpO₂,PR,bar
- Up to 100 patient information and 72-hours record storage
- Audio & visual alarm
- Battery-Low indicator
- 2 AA alkaline or rechargeable batteries
- Data transmission, storage and replay
# Technical Specifications

## Applicable Population
- Adult, Pediatrics and Neonatal

## SpO₂
- **Measurement range**: 70-100%
- **Resolution**: 1%
- **Measurement Accuracy**:
  - 80%-100%: ±2%
  - 70%-79%: ±3%
  - 0%-69%: no definition

## Pulse Rate
- **Measure range**: 30-235 bpm
- **Resolution**: 1 bpm
- **Measurement Accuracy**:
  - 30-100: ±2 bpm
  - 101-235: ±2%

## Display
- **Type**: Digital LEDs display
- **Parameters**: SpO₂, PR, pulse bar
- **Mode**: 1 display mode
- **Brightness**: Adjustable 10 levels

## Alarm
- **Alarm**: SpO₂, PR, Probe off, Finger out, Battery-low indicator
- **Modes**: Audible & Visual alarm

## Dada Transmission
- **Transmission method**: Data cable

## Appearance
- **Dimension**: 131mm(W)×61mm(H)×30mm(D)
- **Weight**: 80g (without 2 AAA batteries)

## Battery
- **Type**: 2 AAA alkaline or rechargeable batteries
- **Operation time**: Approximately 30 hours for normal operation

## Environmental
- **Operation Temperature**: 5℃-40℃
- **Storage Temperature**: -20℃-55℃
- **Operation Humidity**: 15%RH-80%RH
- **Storage Humidity**: 10%RH-85%RH

## Classification
- **Type of protection**: internally powered equipment
- **Safety**: IEC60601-1

## Storage
- **Patient ID**: 100 patients