

Direct

Affordable Digital Finger Pulse Oximeter

The Micro Direct MD300FT digital finger pulse oximeter offers the features of a conventional oximeter in a compact, user-friendly, portable configuration. The MD300FT accurately measures blood oxygen saturation levels (SpO₂) and heart pulse rate (PR) along with a SpO₂ waveform on an easy-to-read organic light-emitting diode (OLED) display.

Simple to use, this unique device delivers near immediate results; just place the unit on your finger and within seconds, the MD300FT will display accurate readings of your SpO₂ and heart pulse rate. Ideal for all medical (hospital, clinics, EMS) and homecare related applications where fast measurement of vital signs is required.

Features

- Two colors OLED display; Adjustable brightness
- Displays SpO₂, PR, SpO₂ waveform (pleth or line)
- Displays signal strength
- Six display modes, convenience to overview the data
- Low voltage indicator, Low power consumption
- 2 AAA alkaline or rechargeable batteries
- Automatic power-off design
- Light, compact, attractive makes it convenient to carry

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Specifications

Patient Range

Adult, Pediatric

SpO₂

Range 35 - 99%
Resolution 1%
Accuracy 70 - 100%: +/- 2%
0 - 69%: unspecified
Method Dual wavelength LED

Heart (Pulse) Rate

Range 30 - 254 bpm
Resolution 1 bpm
Accuracy +/- 2 bpm or +/- 2%

Display

Type Color OLED display (Multi-display modes)
Parameters SpO₂, PR, waveform (pleth or line)
Information Low battery indicator

Environmental

Operating Temperature 41° - 104° F
Storage Temperature 14° - 104° F
Operating Humidity 15% RH - 95% RH
Storage Humidity 10% RH - 95% RH

Classification

Type of Protection Internally powered equipment
Safety IEC standard 61601-1-1

Mechanical

Size 2.28" x 1.26" x 1.33"
Weight 1.76 ounces (including 2 batteries)

Battery

Type 2 AAA 1.5V Alkaline batteries or
2 AAA 1.5V rechargeable batteries
Operation Time Minimum 30 hours for normal operation