

## Affordable Digital Finger Pulse Oximeter

The MD Spiro / 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 (SpO<sub>2</sub>) and heart pulse rate (PR) along with a SpO<sub>2</sub> 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 SpO<sub>2</sub> 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 SpO<sub>2</sub>, PR, SpO<sub>2</sub> 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

### MD Spiro / Micro Direct

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### Specifications

#### Patient Range

Adult, Pediatric

#### SpO<sub>2</sub>

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 SpO<sub>2</sub>, 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