

## Direct

## Affordable Handheld Pulse Oximeter

The Micro Direct MD300HH offers the features of a conventional oximeter in a compact, user-friendly handheld configuration. The MD300HH accurately measures blood oxygen saturation levels and heart pulse rate. Readings are displayed and stored (up to 18 hours) in a sleek handheld unit.

Simple to use, this unique device delivers near immediate results; just place the probe on your finger and within seconds, the MD300HH 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

- Display SpO2, PR, SpO2 waveform (pleth or line)
- Pulse Rate tone modulation function
- Display signal strength
- 10 patients ID setup and 1 second interval
- Transmit data to a PC
- Three display modes
- Alarm information: probe off, finger out, low power
- Up to 24 hours continuous operation
- Light, compact, attractive makes it convenient to carry
- Automatic power-off design
- Low voltage indicator, low power consumption
- 2 AA alkaline or rechargeable batteries

**Micro Direct, Inc.**  
803 Webster Street  
Lewiston, ME 04240  
Telephone 800-588-3381  
Fax 207-786-7280

[www.micro-direct.com](http://www.micro-direct.com)



## Specifications

## SpO2

Range	0 - 100%
Resolution	1%
Accuracy	80 - 99%: +/- 2% 70 - 80%: +/- 3% 0 - 69%: unspecified

## Heart (Pulse) Rate

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

## Alarm

Alarm Modes	Probe off, Finger out, Low power Visual information
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## Display

Type	LCD
Parameters Mode	SpO2, PR, Pleth waveform, Pleth bar 3 display modes

## Record

Patient ID	10 patients
Data Record Interval	Up to 18 hours 1 second

## Data Transmission

Transmission Method Interface	Data cable Oximeter side: DB9 PC Side: USB
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## Environmental

Operating Temperature	32° - 122° F
Storage Temperature	14° - 140° F
Operating Humidity	15% RH - 95% RH
Storage Humidity	10% RH - 95% RH

## Classification

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

Size Weight	5.12" x 1.57" x 1.06" 4.23 ounces (including 2 batteries)
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## Power

Type Operation Time	2 AA Alkaline or Rechargeable batteries Approximately 24 hours for normal operation
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