MD-300D Finger Pulse Oximeter

Ultra-compact, lightweight pulse oximeter with colour OLED display

- Low cost.
- Clear, bright colour OLED display.
- Display can be viewed in 4 rotations.
- Adjustable brightness; 10 levels.
- Pleth waveform, displayed in 2 formats.
- Signal strength indicator.
- Easy to use; 1-button operation.
- Automatic power-off when finger removed.

Ideal for GPs or Personal Use

The MD300-D can be used in a variety of applications, for use in GP surgeries, clinics and dental surgeries, through to spot-checking before, during and after exercise.

The bright organic LED display offers superb visibility in all lighting conditions, including direct sunlight.

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Measuring Range
SpO$_2$ 70 - 99%
Pulse Rate   30 - 235 bpm

Accuracy
SpO$_2$ (70 - 100%)   1.7 A$_{RMS}$ *
   1.68 S.D
Pulse Rate   ± 2 bpm

Display
Features   Colour OLED, adjustable brightness (10 levels),

Date displayed   Oxygen saturation, pulse rate, Plethysmogram, pulse indicator, bar graph

Indicators   Pulse signal quality & signal strength, battery status

Environmental Conditions
Operating temperature   5°C to 40°C.

Regulatory Approvals
Standards   CE Class IIa.

Assembly
Dimensions   58 mm (L) x 32 mm (W) x 35 mm (H)
Weight   Approx. 56 g (including batteries)
Power Supply   2 x AAA/LR03/MN2400 1.5V alkaline batteries.
Battery Life   Approx 30 hours of continuous operation
Automatically powers off when finger is removed for longer than 8 seconds.

Part Numbers
MD300-D   2810011
Standard accessories included:
Lanyard
2 x AAA Batteries   9950047
Operator Manual

Optional Accessories
Soft Carry Case, with belt loop, colour - black   0022190
Soft Carry Case, with belt loop, colour - orange   0022191
Soft Carry Case, with belt loop, colour - green   0022192
Waterproof case with lanyard, colour - bright yellow   2810005

* in accordance with ISO 9919:2005 Standards.

Clinical trials carried out in accordance with BS EN ISO 9919:2005 standards.
Materials tested in accordance with ISO 10993-, -5, -10.

2nd Rotation

3rd Rotation

4th Rotation

Pleth Waveform 1

Pleth Waveform 2

Distributed by:

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CE 0123

Date: 09/10

BS EN ISO 9001-2000
ISO 13485-2003

FS 28344   MD 78787

BSI REGISTERED

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