

pulse oximetry

MD300-C21C

Finger Pulse Oximeter

Ultra-compact, lightweight pulse oximeter with colour OLED display

**Economical
pulse oximeter
ideal for
personal and
professional
applications**



- 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.
- Suitable for paediatric and adult patients

The MD300-C21C 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.



Actual Size



MD300-C21C Finger Pulse Oximeter

Measuring Range

| | |
|------------------|--------------|
| SpO ₂ | 70 - 100% |
| Pulse Rate | 30 - 235 bpm |

Accuracy

| | |
|------------------------------|---------------|
| SpO ₂ (70 - 100%) | ± 2% |
| SpO ₂ (≤69%) | No definition |
| SpO ₂ Resolution | 1% |
| Pulse Rate (30 - 99 bpm) | ± 2 bpm |
| Pulse Rate (100 - 235 bpm) | ± 2% |
| Pulse Rate Resolution | 1 bpm |

Display

| | |
|----------|--|
| Features | Colour OLED, adjustable brightness (10 levels) |
|----------|--|

| | |
|----------------|--|
| Data displayed | Oxygen saturation, pulse rate, plethysmogram, pulse indicator, bar graph |
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| | |
|------------|---|
| Indicators | Finger out, signal strength, battery status |
|------------|---|

Environmental Conditions

| | |
|-----------------------|---------------|
| Operating temperature | 5°C to 40°C |
| Storage temperature | -20°C to 55°C |

Regulatory Approvals

| | |
|-----------|--------------|
| Standards | CE Class IIa |
|-----------|--------------|

Assembly

| | |
|--------------|--|
| Dimensions | 58 mm (L) x 34 mm (W) x 36 mm (H) |
| Weight | Approximately 55 g (including batteries) |
| Power Supply | 2 x AAA/LR03/MN2400 1.5V alkaline batteries |
| Battery Life | Approximately 30 hours of continuous operation |

Automatically powers off when finger is removed for longer than 8 seconds

Part Number

| | |
|------------|---------|
| MD300-C21C | 2810037 |
|------------|---------|

Standard accessories included:

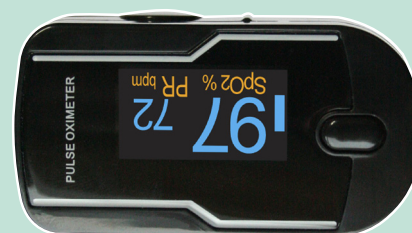
| |
|-------------------|
| Lanyard |
| 2 x AAA Batteries |
| Operator Manual |

Optional Accessories

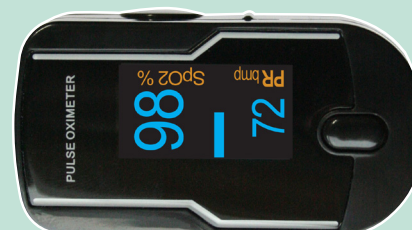
| | |
|--|---------|
| Soft carry case, with belt loop, colour - black | 0022190 |
| Soft carry case, with belt loop, colour - orange | 0022191 |
| Soft carry case, with belt loop, colour - green | 0022192 |
| Soft carry case, with belt loop, colour - blue | 0022193 |

Clinical trials carried out in accordance with BS EN ISO 9919:2005 standards.

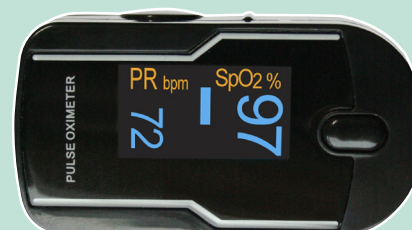
Materials tested in accordance with ISO 10993-, -5, -10.



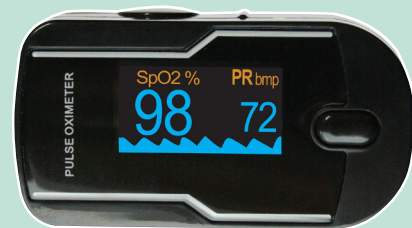
2nd Rotation



3rd Rotation



4th Rotation



Pleth Waveform 1



Pleth Waveform 2

CE0123

Distributed by:



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Specifications Subject to Change



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