

ARGUS OXM C

Handheld Pulse Oximeter

Features:

- Ergonomically designed to fit your hand comfortably
- Compact size and easily mounted on a bracket
- TFT 3.5" Colour LCD
- User-friendly interface with icons
- Plethysmograph, numeric and pulse bar graph display modes
- Graphical and tabular trends
- PA (Perfusion Index Amplitude) display
- Built-in rechargeable battery
- USB I/O port for software upgrade & PC interface
- Audible and visible alarms



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Technical data ARGUS OXM C:

System

Dimensions: 170 mm x 88 mm x 32 mm (HxWxD)

Weight: approx. 300 g

Power supply

- Input: AC 100-240 V, 50/60 Hz, 1 A
- Output: DC 12V, 2.5 A (medical grade adapter)

Battery

- 7.4 V, 1,800 mAh, Li-ion
- Operating time: 6 hours
- Charging time: 2 hours

Safety standard: EN 60601-1

Protection class: BF, class I

Environmental conditions:

- Operating temperature: 10°C ~ 40°C
- Storage temperature: -10°C ~ 50°C
- Operating humidity: 15 % ~ 95 %
- Operation altitude: -300 m ~ 3,685 m

Output interface: USB

SpO₂

Range of display: 0 ~ 100 %

Resolution: 1 %

Accuracy:

- Without motion adult: 70 ~ 100 % ± 2 digits
- Without motion neonate: 70 ~ 100% ± 3 digits
- With motion adult: 70 ~ 100% ± 3 digits
- With motion neonate: 70 ~ 100% ± 4 digits

Average time: 10 sec

Perfusion index: 0.1 ~ 20 %

Pulse rate

Measurement range: 25 ~250 bpm

Resolution: 1 bpm

Accuracy:

- Without motion: 25 ~ 250 bpm ±2 bpm
- With motion: 25 ~ 250 bpm ±5 bpm

Average time: 10 sec

Display / alarm

Display type: TFT 3.5" colour LCD

Display size: 320 x 240 pixel

Display information

- % SpO₂ & limits, pulse rate & limits, plethysmograph
PA, alarm status, trends, battery status, time & date

Alarm type: physiological and technical with audible and visible alarms

Alarm limit

- Low SpO₂: 85 ~ 100 %
- High SpO₂: 85 ~100 %, Off
- Low PR: Off, 25~250 bpm
- High PR: 25~250 bpm, Off

Alarm suppression: 10, 20, 30, 60, 120, 180 sec

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