

## EP-MD300K2 Hand-held Saturimeter



N.B. Product is subject to change without prior notice. The actual product might differ from the pictures here shown.

### Description

The EP-MD300K2 is a modern handheld digital pulse oximeter, featuring a large and bright display for reading saturation levels, pulse rates, and plethysmogram data. It has a 2.4" high-resolution color TFT display for visualizing SpO<sub>2</sub>, pulse rates, perfusion index, plethysmographic waveform, and pulse amplitude indicator.

The EP-MD300K2 maintains measurement accuracy even at low perfusion levels and during movement. It provides the operator with adjustable alarms (both audible and visual), a battery status indicator, and adjustable alarm volume and backlight settings.

It boasts excellent storage capacity: 72 hours of data and event storage and review, with the ability to set up to 127 patient IDs.

A wide range of sensors is available in all sizes.

## Technical features

### Technical Specifications:

- Suitable for adult, pediatric, and neonatal patients.
- Measured data: % SpO<sub>2</sub>, pulse rate, plethysmography, Perfusion Index.

### Alarms:

- Sensor connection
- Desaturation (70%-100%)
- Pulse rate
- Low battery
- Visual and audible alarms

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

- Range: 70%-100%
- Resolution: 1%
- Accuracy:  $\pm 2\%$ ,  $\pm 3\%$  with movement (Fluke Index2 simulator at level 2). Low perfusion  $\pm 2\%$ , PI= $0.1\% \pm 3\%$

- Perfusion Index

### Pulse Rate:

- Measurement range: 30-235 bpm
- Resolution: 1 bpm
- Accuracy:  $\pm 2$  bpm,  $\pm 3\%$  with movement (Fluke Index2 simulator at level 2)

- Memory: Up to 100 patients and 72 hours of total recording, measurements every minute.

### Operating conditions:

- Temperature: 0°C-40°C
- Relative humidity: 80%
- Atmospheric pressure: 86 kPa - 106 kPa
- Power supply: 3x1.5V AA alkaline batteries, continuous recording time: 30 hours
- Dimensions: 143 x 67 x 36 mm (H x W x D)
- Weight: 140g without batteries
- Protection rating: IPX1

### Display:

- 2.4" color TFT display
- Shows SpO<sub>2</sub>, pulse rate, Perfusion Index, plethysmogram
- Adjustable brightness with 7 levels

### Standard Equipment:

- Reusable sensor for adults
- 3 alkaline batteries 1.5V
- Manual in Italian

### Available Sensors (optional):

- EP-MD50B Rigid pediatric
- EP-MD50C Neonatal Wrap
- EP-MD50D "Y" clip
- EP-MD50E Standard rigid adult
- EP-MD50G Soft-tip adult

Other types of sensors available upon request.

\*\*Medical Device Class IIa Type BF\*\*



**PEDIATRIC RIGID CLIP-ON**



EP-MD50B

**NEONATAL SILICONE**



EP-MD50C

**MULTISITE "Y"**



EP-MD50D

**ADULT RIGID CLIP-ON**



EP-MD50E

**"SOFT TIP" ADULT AND PEDIATRIC**



EP-MD50G

## Ministerial repertory

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