

OXI-CAPNOGRAPHY



Portable Color Oxi-Capnography

The MD-850 is a Portable and Desktop Oxi-Capnography monitor with TFT high resolution color display, providing SpO₂, Pulse Rate, Side Stream EtCO₂ and Respiration with high accuracy and reliable performance.

It has the features of graphical SpO₂, EtCO₂ for data recall and real time in trend display. Moreover, through the optional software of Smart Link allow user download the data to computer for data assemble and analyze.

Its compact and lightweight design, intuitive menu and easy operation provide a user-friendly interface, removable and rechargeable battery pack, ideally apply for Hospitals, Clinics, Home Care, Ambulance, First Aid Support.



Specifications

MD-850 Portable Color Oxi-Capnography

SpO₂

- Range : 0 ~ 100%
- Accuracy SpO₂ : 70 ~ 100 % ± 2 %
35 ~ 69 % ± 3 %
< 35 % (Unspecified)
- Alarm Range : 0 ~ 100 %
- Default setting:
Upper Limit 100 % and Lower Limit 85 %

Pulse Rate

- Range : 30 ~ 300 bpm
- Accuracy Heart Range : ± 2 %
- Alarm Range : 30 ~ 300 bpm
- Default Setting:
Upper Limit 150 bpm and Lower Limit 30 bpm

EtCO₂

- Method: Side Stream Technology
- Measurement : Non-Dispersive IR Absorption
- Range : 0 ~ 100 mmHg, STPD
- Accuracy EtCO₂ : 0 ~ 38 mmHg ± 2 mmHg
39 ~ 100 mmHg ± 5 mmHg
- Alarm Range : 0 ~ 100 mmHg adjustable
- Default Setting:
Upper Limit 50 mmHg and Lower Limit 30 mmHg
- Flow Rate : Auto adjustment

Respiration

- Range : 0 ~ 100 min⁻¹
- Accuracy : 0 ~ 30 ± 1 min⁻¹
31 ~ 100 ± 5 min⁻¹
- Alarm Range : 0 ~ 100 min⁻¹, adjustable
- Default Setting:
Upper Limit 20 min⁻¹ and Lower Limit 5 min⁻¹

Power

- Power Input: AC adapter, DC 16V
- Removable battery pack
- Battery Operating Time : 4 hours
(Backlight on minimum mode)
- Recharging Time : 3.5 hours
- Power Consumption: < 30W

External

- External USB port x 1 (Type A connector)

Data Transmission

USB Transmission

- Type Mini B connector

Standard Accessories

- AC/DC Adapter
- BT-800 Rechargeable Battery
- R004 Reusable Adult Finger Clip Sensor
- 5 set of EtCO₂ sampling pack

Optional Application Software

- Smart Link[®] V Software/USB Version

Environmental Specifications

- Storage Temperature : -20°C ~ 70°C
- Operation Temperature : 0°C ~ 55°C
- Relative Humidity : 15% ~ 95% (Non-condensing)

Other Specifications

- Waveforms: SpO₂ and EtCO₂
- Trend Function
- 200 hours memory capacity
- Display :
Color LCD Display 5.7", 320 x 240 pixels
- Dimension : 200 (L) x 70 (W) x 130 (H) mm
(Without handle)
- Weight : 1.75 kg (with battery pack)

Quality System: ISO 9001, ISO 13485, GMP



Safety Approved: EN-60601-1, EN-60601-1-1,
EN-60601-1-2

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◆ Specifications are subject to change without notice