

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 features with graphical SpO₂, EtCO₂ and Data Recall Trend real time display. Moreover, through the optional software of Smart Link and USB connection to a computer, user can search, assemble and analyze all of patient's information with 200-hour memory. This model uses a side stream sampling system technology to measure the CO₂ concentration in the patient's breath and respiration frequency.

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

| | |
|----------------------------|------------------------------|
| SpO ₂ Accuracy: | 70% ~ 100% ± 2% |
| | 50% ~ 69% ± 3% |
| | < 50% unspecified |
| SpO ₂ Default: | Upper 100 % / Lower 85 % |
| Pulse Accuracy: | 20 ~ 250 bpm ± 1% |
| Pulse Default: | Upper 150 bpm / Lower 30 bpm |

EtCO₂

| | |
|-----------------------------|---|
| Method: | Side Stream Technology |
| Measurement: | Non-Dispersive IR Absorption |
| EtCO ₂ Accuracy: | 0 ~ 38 mm Hg ± 2 mm Hg |
| | 39~100 mm Hg ± 5 mm Hg |
| EtCO ₂ Default: | Upper 50 mmHg / Lower 30 mmHg |
| Resp Accuracy: | 0 ~ 30 1/min (± 2 1/min) |
| | 30 ~ 100 1/min (± 5 1/min) |
| Resp Default: | Upper 20 bpm / Lower 5 bpm |
| Flow Rate: | 75 , 150 , 250 ml/min (Default 75 ml/min) |

Alarm

| | |
|-------------------------------|---------------|
| SpO ₂ Alarm Range: | 0 ~ 100% |
| Pulse Alarm Range: | 20 ~ 300 bpm |
| EtCO ₂ Alarm Range | 0 ~ 100 mmHg |
| Resp Alarm Range | 0 ~ 120 1/min |
| NIBP Alarm Range | 30 ~ 300 mmHg |
| TEMP Alarm Range | 20 ~ 45 °C |

Power

- Power Input: AC adapter, DC 12V
- 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
- FT-008 Filter Cartridge
- ST-004 Sampling Tube
- AD-001 Airway Adapter

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  0434

Safety Approved:

EN-60601-1, EN-60601-1-1, EN-60601-1-2

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◆ Specifications are subject to change without notice

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