

M880

Handheld Monitor



**Parameter: Standard:EtCO₂,RR,
Optional:SpO₂,PR**

- Portable, easy to carry
- 4.3" color TFT display with auto rotation function
- Minimal warm-up time for EtCO₂ and RR measurements
- CO₂ water filter ensuring extended monitoring in a humid environment
- Selectable layout modes including font and waveforms
- Dual work modes: continuous monitoring & spot check
- Adjustable audio and visual alarms
- Large data storage capacity up to 500 groups per ID
- Lithium battery with more than 18-hour lifetime.
- Automatic power-off function for power saving
- Suitable for adult, pediatric and neonate
- Apply to hospital and clinic





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TECHNICAL SPECIFICATION

Physical Specifications

Mainframe weight: 500g (full configuration, including the batteries)
Mainframe size: 142mm(W)×78mm(H)×36mm(D)

Environmental Specifications

- Temperature: Operating: 5°C to +40°C
Storage: -20°C to +55°C
- Atmospheric Pressure: Operating: 860hPa to 1060hPa
Storage: 500hPa to 1060hPa
- Humidity: Operating: 15% to 85%(non condensing)
Storage: less than 93%(non condensing)

Charging Specifications

- Power adapter Input: AC 100 ~ 240 V
- Output: DC 5V/2A
- Type: Built-in lithium battery
- Voltage: 3.7V
- capacity: 4800mAh
- Charging time: 3 hours to 90%, 4 hours to 100%
- Run time: >18h

Display

Size: 4.3"
Resolution: 480*272

Indicating Lamp

Alarm indicating: 1(Yellow/Red), on the top of screen.
Battery charging indicating lamp: 1(orange)
When charged, it lights orange.
When fully charged or not charged, it doesn't light

Data Storage

Displaying way: Trend tabular
Trend interval: 10s, 30s, 1min, 2min, 5min, 10min
Capacity: 1 ~ 96 patient ID, 500 groups/patient(only data)

Standard Configuration: EtCO₂, RR
Optional Configuration: BLT SpO₂, Nellcor SpO₂, PR

BLT CO₂(Sidestream)

Measurement Way: Infrared spectrum
Measurement Range: 0—19.7%(0-150mmHg or 0-20.0kPa)
CO₂ Accuracy: 0%-5.3%(0mmHg-40mmHg), ±0.3%(±2mmHg);
5.4%-9.2%(41mmHg-70mmHg), ±5% of reading;
9.3%-13.2%(71mmHg-100mmHg); ±8% of reading;
13.3%-19.7%(101mmHg-150mmHg), ±10% of reading.
CO₂ Resolution: 0.1%, 1mmHg or 0.1kpa
Gas Flow Rate: 50~200ml/min
Unit: %, mmHg, kPa
Measurement Range of awRR: 3~150 rpm
Measuring accuracy of RR: ±1% or ± 1 rpm, whichever is greater
Response Time: < 4s

BLT SpO₂ (Optional)

Measurement range: 0~100%
Resolution: 1%
Accuracy: Clinical 70~100%: ≤ 3% (SpO₂ probe included in Appendix);
0% to 69%: unspecified
Simulator measurement error: 70% to 100%: ±2%, 0% to 69%
unspecified
Refreshing rate: 13s
Pitch Tone: with

Nellcor SpO₂ (Optional)

Measurement range: 0~100%
Resolution: 1%
Accuracy: 70~100%: ±2% (adult/pediatric) , 70~100%: ±3% (neonate),
0% to 69%: unspecified
Refreshing rate: 7s
Pitch Tone: with

PR (Optional)

Measurement range: 25 bpm ~250 bpm
Resolution: 1 bpm
Accuracy: ±1% or ±1 bpm, whichever is the greater



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*Specifications subject to change without prior notice.

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