



M880

Handheld Patient Monitor



- Monitoring parameter: CO₂,RR(Standard), SpO₂,PR(Optional)
- 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
- More than 18 hours lithium battery
- Automatic power-off function for power saving
- Suitable for adult, pediatric and neonate
- Apply to hospital, clinic and home

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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℃ to +40℃
Storage: -20℃ to +55℃
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 100~240V
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 inch
Resolution: 480*272

Indicating Lamp

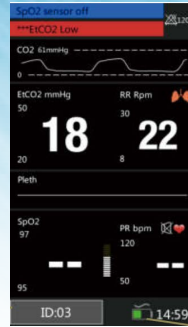
Alarm indicating: 1(Yellow/Red), on the top of screen.
Battery charging indicating lamp: 1 (orange)
When charged, it lights orange.
When fully charged or not charged, it doesn't light

Data Storage

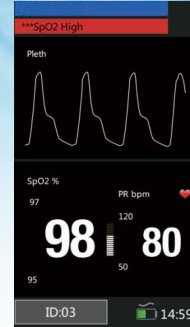
Displaying way: Trend tabular
SpO2 trend interval: 10s, 30s, 1min, 2min, 5min, 10min
Capacity: 1~96 patient ID, 500 groups/patient(only data)

Standard configuration: CO2, RR

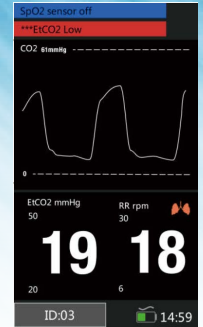
Optional configuration: BLT SpO2, Nellcor SpO2, PR



Multi-parameter Display Mode



SpO2 Display Mode



CO2 Waveform Display Mode

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: 0.1mmHg
Sample Flow Rate: 60~80ml/min
Unit: %, mmHg, kPa
Measurement Range of awRR: 3~150 rpm
Measuring accuracy of RR: ±1% or ± 1 rpm, whichever is greater
Response Time: <3s

BLT SpO2 (Optional)

Measurement range: 0~100%
Resolution: 1%
Accuracy: 70~100%: ± 2%
0% to 69%: unspecified
Refreshing rate: 13 seconds
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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 **BLT BIOLIGHT**

*Specifications subject to change without prior notice.
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