



# M880

## Handheld Patient Monitor



- Monitoring parameter:CO<sub>2</sub>,RR(Standard),SpO<sub>2</sub>,PR(Optional)
- Portable, easy to carry
- 4.3" color TFT display with auto rotation function
- Minimal warm-up time for EtCO<sub>2</sub> and RR measurements
- CO<sub>2</sub> 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

# M880

## 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 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

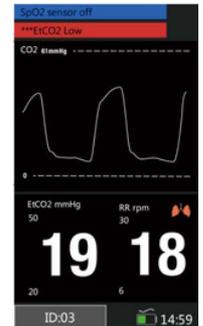
Optional configuration: BLT SpO2, Nellcor SpO2, PR



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



\*Specifications subject to change without prior notice.