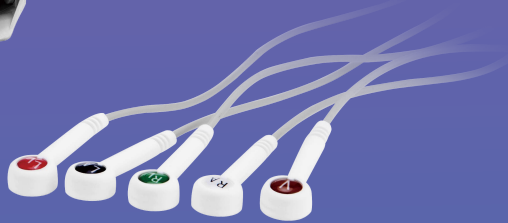




M850

Handheld Patient Monitor



- Monitoring parameter: ECG,RR(Standard), SpO2,PR(Optional)
- Portable, easy to carry
- 4.3" color TFT display with auto rotation function
- Selectable 3-lead and 5-lead for ECG measurement
- 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 support more than 28 hours continuous working
- Automatic power-off function for power saving
- Suitable for adult, pediatric and neonate
- Apply to hospital, clinic and home

M850

Handheld Patient Monitor

TECHNICAL SPECIFICATION

Physical Specifications

Mainframe weight: 350g (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: >28h

Display

Size: 4.3 inch
Resolution: 480*272

Indicating Lamp

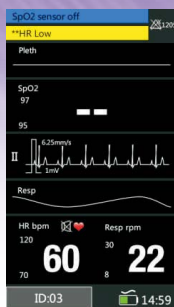
Alarm indicating: 1(Yellow/Red), on the top of screen.
Battery charging indicating lamp: 1 (orange)
When charged, it lights orange.
When fully charged or not charged, it doesn't light

Data Storage

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

Standard Configuration: ECG,RR

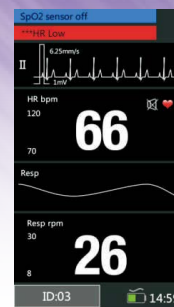
Option: BLT SpO2, Nellcor SpO2, PR



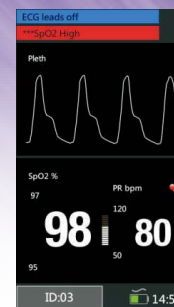
Multi-Parameter Display Mode



ECG Display Mode



ECG Display Mode with RESP



SpO2 Display Mode

ECG Specifications

Lead type: 3-lead /5-lead
Gain: 2.5mm/mV, 5mm/mV, 10mm/mV
Input impedance: ≥5.0MΩ
Leakage current: <10 uA
Baseline recovery: ≤ 10s
CMRR: ≥89dB
Leakage Current: <10 uA
Frequency response: 0.5Hz-40Hz
Electrode offset potential: ±500mV d.c.
Defibrillator-proof
Electrode off indicating: with(except RL)
Pacemaker pulse symbol: With

HR

HR range: Adult: 15 bpm -300 bpm
Pediatric and Neonatal: 15 bpm -350 bpm
HR Resolution: 1 bpm
HR Accuracy: ±1% or ±1 bpm, whichever is the greater

RR

Measurement range: 0~150 rpm, the high/low limit can be adjusted continuously
Resolution: 1 rpm
Accuracy : ±2 rpm or ±2%

BLT SpO2 (Optional)

Measurement range: 0~100%
Resolution: 1%
Accuracy: 70~100%: ± 2%
0% to 69%: unspecified
Refreshing rate: 13s
Pitch Tone: with

PR

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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