

mTouch 6 Neonatal Monitor



- Specialty model distinctly for NEONATE monitoring
- Unique ECG, NIBP and Masimo SpO2 technology devoting on neonate care
- Ultra bright and vivid 8.4" Full Touch Screen
- Ultimate compact and light design
- Various interfaces with maximum 96 hours trends review
- Built-in rechargeable Li-ion battery ensuring 4 hours continuous operation

Size and Weight

- Dimension: 249mm×223mm×107mm
- Weight : 3.5kg

Operation Environment

- Power : AC100-250V, 50/60Hz
- Temperature: 0-40℃
- Humidity: 15-85%

Patient Range

- Neonate

Performance Specifications

- Display: 8.4inch color TFT touch screen (diagonal)
- Resolution: 800×600
- Sweep Speed: 12.5mm/s, 25mm/s, 50mm/s
- Indicator: Power indicator light
Battery indicator light
Alarm indicator light
QRS beep and alarm sound
- Interface: Parameter cable interface
AC Power input socket
Network interface
SD card socket
- Battery: Lithium-ion battery / Rechargeable
4 hours for continuous working
- Trend time: 96 hours
- Alarm: User-adjustable High and Low
limits alarm events recallable
audible and visual alarm
- Networking: Connected to central monitoring system
- Recorder: Built-in, thermal array,
2 traces, paper width: 50mm
- Recorder mode: manual, on alarm,
time-defined
- Print speed: 12.5mm/s, 25mm/s, 50mm/s

ECG

- Lead selection: 3-lead

RESP

- Method: Thoracic impedance
- RR measurement range: 7-150rpm
- Resolution: ±1rpm
- Accuracy: ±1rpm

Masimo SpO2

- Measurement Range: 0% to 100%
- Resolution: 1%
- Accuracy:
70% to 100%: ±2% (adult/pediatric, non-motion conditions)
70% to 100%: ±3% (neonate, non-motion conditions)
70% to 100%: ±3% (motion conditions)
0% to 69%, unspecified

PR

- Measurement Range: 25bpm to 240bpm
- Accuracy: ±3bpm (non-motion conditions)
±5bpm (motion conditions)
- Resolution: 1bpm

NIBP

- Measurement method: Automatic vibration,
- NIBP cuff: four sizes of disposable cuffs
- Measurement types: Systolic, Diastolic, Mean
- Work mode: Manual / Automatic
- Auto measurement time: Adjustable 1 min-480min
- Measurement unit: mmHg / Kpa selectable
- Measurement range:

Pediatric Mode:

Systolic pressure: 40-200mmHg
Diastolic pressure: 20-165mmHg
Mean pressure: 10-150mmHg

Neonatal Mode:

Systolic pressure: 40-150mmHg
Diastolic pressure: 10-100mmHg
Mean pressure: 20-110mmHg

- Alarm type: Systolic pressure, Diastolic
Pressure, Mean pressure
- Accuracy: ±5mmHg
- NIBP pressure range: 0-300mmHg
- PR from NIBP: Measurement 40-240bpm
- Over-pressure protection: Neonate: 150mmHg
Pediatric: 240mmHg

IBP

- Measurement Range: -30mmHg-300mmHg
- Channel: 2 channels
- Pressure names: ARP, PA, CVP, RAP, LAP,
ICP, P1, P2
- Accuracy: ±1% or ±1bpm, whichever is greater
- Calibration Mode: Zero Calibration

Dual TEMP

- Measurement range: 0-50℃
- Resolution: 0.1℃
- Accuracy: ±0.1℃
- Measurement unit: °C/°F selectable

EtCO2—Sidestream/Mainstream (option)

- Method: Infrared Absorption Technique
- Sample Rate: 50mL/min, ±10mL/min (sidestream)
- CO2 Measurement Range: 0 to 150 mmHg
- CO2 Resolution: 0.1mmHg 0 to 69mmHg
0.25mmHg 70-150mmHg
- CO2 Accuracy: 0-40mmHg ±2mmHg
41-70mmHg ±5% of reading
71-100mmHg ±8% of reading
101-150mmHg ±10% of reading
- AwRR: ±1rpm
- Response time: <3 seconds, includes transport time, Risetime
- Calculation Method: BTPS (Body Temperature
Pressure Saturated)
- Sample Gas Flow rate: 50ml/min

Standard Configuration:

ECG, HR, Masimo SpO2, NIBP, RESP, 2-TEMP, PR

Options:

Nellcor SpO2, EtCO2, IBP, Thermal Recorder

Specification subject to be changed without prior notice.

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