

# mTouch6

# **Multi-Parameter Patient Monitor**



- Specialty model distinctly for NEONATE monitoring
- Unique ECG, NIBP and Nellcor 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



#### Safety

ISO 13485:2003 approved

### **Dimension and Weight**

Dimension: 249mm×223mm×107mm

Weight: 3.5kg

#### **Operation Environment**

Power: AC100-250V, 50/60Hz

Temperature: 0-40°C Humidity: 15-85%

### **Patient Range**

Neonate

## **Performance Specifications**

Display: 8.4inch color TFT touch screen (diagonal)

Resolution: 800×600 Trace: 9 waveforms

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: 1-120 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

# Nellcor SpO2

Technology: NellcorOxiMax SpO2

Display: SpO2 digital, Pulse columnar graphics, Volume waveform, Pulse rate

Measurement range: 0-100%

Resolution: 1%

Accuracy: ±1%(90-100%) ±2%(70-90%)

Pulse Rate range: 20-300bpm Pulse Rate Accuracy: ±1bpm

Alarm: Auto SatSeconds™ Technology

SpO2 sensor: Nellcor Neonate Sensor, Binding shape, and disposable

Strap, Pediatric click sensor

Alarm setting: Adjustable from lower to upper and Automatic memory

#### NIRP

Measurement method: Automatic vibration.

NIBP cuff: four sizes of PHILIPS 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: 40-150mmHa 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

#### Temperature

Measurement range: 0-50°C

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, Nellcor SpO2, NIBP, RESP, TEMP, PR

# Options:

EtCO2, IBP, 2-TEMP, Thermal Recorder

Specification subject to be changed without prior notice

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