



Patient Monitor 2000C



Feature

- 12.1" high resolution color TFT LCD display
- One level menu,easy to use
- Maximum 720 hours tabular and graphic trends of all parameters
- Built-in thermal recorder and battery
- Suitable for adult ,pediatric,neonatal patient
- 13 Type Arrhythmic analysis,ST segment Analysis, pacemaker detection
- Anti-ESU, anti- defibrillator
- OxyCRG Dynamic View and short Trend Coexist Display ,nurse_calling system
- Standard network interface,can connect to the central monitor system

Standard

- 12.1 inch LCD, 5 ECG leads,RESP,NIBP,PR,SPO ,2-TEMP,Rechargeable Battery

Optional

- Thermal Recorder,2-IBP,ETCO2 Multi-Gas,touch screen

TECHNICAL SPECIFICATIONS

Quality Standards and Classification

CE, ISO13485
SFDA: Class II b
Anti-electroshock degree:
Class I equipment
(internal power supply)
TEMP/SpO₂ /NIBP: BF
ECG/Resp: CF

Application Range

Adult/Pediatric/Neonatal/Medicine/Surgery/
Operating Room/ICU/CCU

Display

15"real color TFT screen

Environment

Operating environment :
Temperature: 0 ~ 40 °C
Humidity: 15% ~ 80%
Pressure: 86.0 kPa ~ 106.0kPa
Transport and Storage environment :
Temperature: -20 ~ 55 °C
Humidity: 10% ~ 90%
Pressure: 86.0 kPa ~ 106.0kPa

Power Requirements

AC: 100 ~ 240V, 50Hz/60Hz
DC: Built-in rechargeable battery
Battery: 11.1V 24wh Li-ion battery
2h operating after full charge
5min operating after low battery alarm

Dimension and Weight

Equipment:
370mm × 160mm × 350 mm; 4.1 kg
Package:
420mm × 380 mm × 340mm; 8.0 kg

Date Storage

Trend diagram/table: 720h
NIBP review: 10000 events
Wave review: 12h
Alarm review: 200 alarm events
Support drug concentration titration analysis

ECG

5 Leads: RA, LA, LL, RL, V
Lead mode: I, II, III, AVR, AVL, AVF, V
Gain: × 1.25mm/mV,2.5mm/mV,
5.0mm/mV, 10mm/mV,
20mm/mV (error ≤ 5%)
Sweep speed: 6.25mm/s,12.5mm/s,25mm/s,
50mm/s (error ≤ ± 10%)
Bandwidth: Surgery 1 ~ 25 Hz
Monitor 0.5 ~ 40 Hz
Diagnostic 0.05 ~ 130 Hz
Sensitivity: >200 μ V P-P
CMRR: ≥ 112dB
Differential Input Impedance: >5M
ohm Electrode Offset Potential: ±300mV
Polarization Voltage: ≥ ± 500mV
Input Impedance: ≥ 5 M
Calibration Voltage: 1mV ± 5%

ST Segment

ST Segment Range: -2.0mV ~ +2.0mV
Accuracy: 0.02mV

NIBP

Method: Oscillometry
Measure mode: Manual, Auto, STAT
Measure interval in auto mode:
1~5/10/15/30/60/90/120/180/240/480min
Measure period in STAT mode: 5min
Pulse rate range: 40 ~ 240bpm
Measure & alarm range: Adult
SYS 40 ~ 280mmHg
DIA 10 ~ 220mmHg
MEAN 20 ~ 240mmHg
Pediatric
SYS 40 ~ 220mmHg
DIA 10 ~ 160mmHg
MEAN 20 ~ 170mmHg
Neonatal
SYS 40 ~ 135mmHg
DIA 10 ~ 100mmHg
MEAN 20 ~ 110mmHg

Static pressure measurement
Range: 0 ~ 300mmHg
Accuracy: ± 3mmHg
Resolution: 1mmHg Accuracy:
Max. Mean Error: ± 5mmHg
Max. Standard Deviation: 8mmHg
Overpressure protection:

Adult 300mmHg
Pediatric 240mmHg
Neonatal 150mmHg

SpO₂

Measurement range: 0 ~ 100%
Resolution: 1%
Accuracy: 70% ~ 100% ± 2%
40% ~ 69% ± 3%

Pulse Rate

Measure/alarm range: 20 ~ 300bpm
Resolution: 1bpm
Accuracy: ± 3bpm

RESP

Method: impedance between RA-LL
Resp Impedance range: 0.3 ~ 3 Ω
Base Impedance range: 200 Ω ~ 4000 Ω
Bandwidth: 0.3 ~ 2.5Hz
Gain: × 0.25, × 0.5, × 1, × 2, × 4
Resp rate:
Measurement Range
Adult 0 ~ 120BrPM
Neonatal/Pediatric 0 ~ 150BrPM
Resolution: 1BrPM
Accuracy: 7 ~ 150BrPM (± 2BrPM)
0 ~ 6BrPM (unspecified)
Apnea Alarm: 10 ~ 40s

TEMP

Channel 2
Measure & alarm range: 0 ~ 50 °C
Resolution: 0.1 °C
Accuracy (no sensor): ±0.1 °C (0~50 °C)

Standard accessories

- NIBP cuff & tube
- ECG cable & electrodes
- SpO₂ sensor
- TEMP probe
- Lithium-ion battery
- Power cable
- Operator's manual

Optional accessories

- Touch screen
- Trolley bracket
- Hanging bracket
- Monitor recorder
- Vehicle-mounted power supply



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