



CM 40 Patient monitor



Accurate, Efficient and Durable

Product features

- Classic display: 12.1 inch LCD display with multiple display format
- Long operation hour: with inbuilt 8000mAh lithium battery, machine can be last for 4 hour after fully charged
- HD display : High definition display 1024 * 768
- Simplified operation: Based on classic clinical design, UI operation is ultra simplified
- Reliable quality: passed the rigorous multi application scenarios test, proved to be durable and helpful
- Patented ECG specialized algorithm, passed AHA/MIT -BIH database verification
- NIBP with anti -interference and anti-motion algorithm, generating accurate blood readings fastly
- SpO2 with advanced anti -interference and lower perfusion detection technology
- Based on black body light source technology, CO2 is with improved accuracy and reliability

Advanced measurement technology

- Applicable to adult, pediatric and neonate
- Accurate measurement in 0.075% low perfusion index, excellent anti-motion capability, generating more accurate, more stable, and more reliable datas
- Neonate specialized NIBP/SPO2 module
- CO2 min. sampling volume 50ml/Min
- CO2 double channel sensor, IPX4 waterproof level, Anti-shock, anti-drop, easy to use
- IBP measurement range: -50~400mmHg
- Heart rate measurement upto 350 bpm
- Self-developed cost-effective anesthetic gas module



Product configuration

- Standard configuration: ECG, SpO2, NIBP, RESP, TEMP, PR
- Optional configuration: CO2, IBP, C.O. AG
- Other: Trolley, wall mount

Technical specifications

- Physical specs

Display 12.1 inch TFT screen, 1024*768, multiple displays including big font display, Oxy CRG display, etc

Waveform: 7 lead wave form

Indicator: alarm indicator, power indicator, battery indicator, pulse rate sound, alarm sound

Port: specification port, AC port, LAN port, USB port

- ECG

Lead: 3/5 lead

Waveform: 2 channel

Gain: X0.25, X0.5, X1, X2, X4

Speed: 12.5mm/s; 25mm/s; 20mm/s

HR range: 15~300BPM (AUD) ; 15~350BPM (NEO)

Filter mode: DIA (0.05~100Hz) ; MON (0.5~40Hz) ; SUR (1~25Hz)

Protection: Anti-electric knife; Anti-defibrillation protection; 5000V isolation strength

ST diagnosis: -2.5mV~2.5mV; Arrhythmia analysis; Pacing detection

- RESP

Principle: Impedance Breathing

Range: 0~120RPM

Choking alarm: 20s~60s optional, interval 5s

- SpO2

SPO2: range (0~100%) ; Resolution (1%) ;

Accuracy: $\pm 2\%$ (70~100%) ;

PR: range (20~254BPM), accurate (± 2 BPM)

- NIBP

Principle: Oscillatio

Measurement mode: Manul/Auto/Continuous

Pressure unit: mmHg/Kpa

Measurement parameter: systolic, diastolic, mean

Systolic range: ADU 40~270mmHg, PED: 40~200mmHg; NEO: 40~135mmHg

Diastolic range: ADU: 10~210mmHg; PED: 10~150mmHg; NEO: 10~100mmHg

Mean range: ADU: 20~230mmHg; PED: 20~165mmHg; NEO: 20~110mmHg

Accuracy: ± 3 mmHg

Double overvoltage protection

- CO2

CO2 range: 0~150mmHg; accuracy: ± 2 mmHg (0~40mmHg), $\pm 5\%$ (41~100mmHg), $\pm 8\%$ (101~150mmHg)

Respiratory rate range: 0~150RPM; Accuracy: ± 2 RPM

Sampling flow: 50ml/Min

Applicable to ADU, PED, and NEO

- IBP

IBP range: -50~400mmHg; accuracy: ± 3 mmHg (0~40mmHg)

Supports multiple measurement modes: ABP、CVP、ICP、LAP等

Pulse rate range: 20~254BPM, Accurate: ± 2 RPM

Support dual-channel IBP simultaneous measurement

- AG Gas

Mode: Main stream/side stream

ISO: range: 0-5% accuracy: 0.15Vol%+ reading 5%

SEV: range: 0-8% accuracy: 0.15xVol%+reading 5%

CO2: range: 0-20% accuracy: 0.20Vol%+ reading 5% (0~5%), 0.20Vol%+ reading 8% (5.1~20%)

RESP: range: 0~120RPM, accuracy: ± 2 RPM

Anesthetic gas ID automatic identification

Automatic recognition time is less than 20s

Sampling flow: 50ml/Min

