



12.1" color TFT LCD screen, wide and flat screen design, ecnomic and reliable

Configuration

ECG+SpO2+NIBP+2TEMP+PR+RESP, Li-ion battery

Optional





7-lead ECG



Graphical & Tabular Trend

240	Hours long trend
120	Mins short trend
1000	NIBP measurements
200	Alarm events

Northern Meditec





Measurement method : Thoracic electrical bioimpedance

Scan speed: 3.125mm/s, 6.25mm/s, 12.5 mm/s, 25mm/s

Measurement method : Automatic oscillometric method

Adult

Adult

Pediatric

Neonatal

Pediatric

Neonatal

Adult

Resolution: 1mmHg Interval:1,2,3,4,5,10,15,30,60,90,120,180,240,480minutes

Overpressure protection: Software and hardware,

Pediatric

Neonatal

double safety protection

40-280

40-200

10-210

10-150

20-230

20-165

20-105

10-95

40-135

Operating mode:Manual, automatic, continuous

Measurement unit: mmHg/kPa selectable

Measurement type: Systolic, Diastolic,Mean

Typical measurement time: 20~40s

Measurement range (mmHg)

Range of Systolic pressure:

Range of Diastolic pressure:

Range of Mean pressure:

Measurement accuracy

Maximum average error: ±5mmHg Maximum standard deviation: 8mmHg

Cuff pressure range: 0-300mmHg

Neonate/Pediatric:0~150bpm

Operation modes: Auto/Manua

Wave gain: ×0.25, ×0.5, ×1, ×2

Baseline impedance: 500-4000Ω

Accuracy:±0.1°C or ±0.2°F

Parameters: T1,T2 and TD

Channel: Two channels

Resolution: 0.1°C

Respiratory impedance range: 0.5-5Ω

Measurement range: 5~50°C (41~122°F)

Measurement range: Adult:0~120 bmp;

Apnea alarm delay:10s,15s,20s,25s,30s,35s,40s

Measuring lead: Lead I, II

Resolution: 1 bpm

Gain: 10 grades

Appea alarm: Selectable



- 12.1" color TFT LCD screen(touchscreen is optional)
- 8 waveform display, up to 12-lead ECG analysis
- Powerful calculation(Hemodynamic,Dose,Oxygenation,Ventilation)
- Pacemaker detection
- ST & arrhythmia analysis(17 types)
- SpO2 support PI, low perfusion 0.2%
- Night mode, standby mode, venipucture mode

Specifications

Physical Specification

Display 12.1" TFT LCD screen Resolution: 800 x 600 (1024 x 768 optional) Number of traces: 8, up to 12 ECG waveforms Dimension: 310×292×174mm(W×H×D) Weight: < 4 kg under standard configuration LAN: 1 standard RJ45 port WLAN:IEEE 802.11b/g/n USB: 2 USB connectors

Perfusion index display

Refreshing Rate: 1s

±3% (70-100%, Neonate);

0-69%, unspecified

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Lead type :3-lead,5-lead,12-lead(optional) ECG waveform:2 channels,7 channels, 12 channels Display sensitivity(wave gain) 1.25mm/mV(×0.125), 2.5mm/mV (×0.25), 5mm/mV (×0.5), 10mm/mV (×1.0), 20mm/mV (×2.0), 40mm/mV (×4.0), Auto Wave sweep speed: 3.125mm/s, 6.25mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s Bandwidth Diagnostic mode: 0.05Hz~100Hz Monitor mode: 0.5Hz~40Hz Surgery mode: 1Hz~20Hz Strong filter mode: 5Hz~20Hz CMRR>100dB Notch: 50/60Hz notch filter can be set to on or off Differential input impedance>5M Ω Electrode polarization voltage range: ±400mV HR range: 15 - 350 bpm ST Measurement Range: -1.0 - +10 mv Baseline recovery time <3s after defibrillation (in monitor and surgery mode) Calibration signal:1mV (peak - peak), accuracy ±3% Range: 30~300bpm Resolution: 1bpm Accuracy: ±2bpm (non-motion) ±5bpm (motion) Refreshing rate: 1s Measurement range : 0-100% Resolution: 1%

Accuracy: ±2% (70-100%, Adult/Pediatric);

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Built-in, Thermal dot array Horizontal resolution :16 dots/mm (25 mm/s paper speed) Vertical resolution:8 dots/mm Paper speed:25 mm/s, 50 mm/s Number of waveform channels:3

Add: 4th Floor, Building C, Jin Wei Yuan Industrial Park, Julongshan Area, Kengzi St, Pingshan District, Shenzhen, P.R.China

- Various mounting solutions
- Wired/Wireless CMS, support HL7 protocol to HIS
- SpO2 pulse-tone modulation (Pitch Tone)
- MEWS(Modified Early Warning Score)
- Graphical & tabular trend review(240 hours), USB data output
- Rechargeable Lithium-Ion Battery
- 48 Hours full disclosure waveforms review & print for each patient

Measurement range : 0-100% Resolution: 1% Accuracy: ±2% (70-100%, Adult/Pediatric,non-motion, low perfusion ±3% (70-100%, Neonate, non-motion); ±3% (70-100%, motion);

0-69%, unspecified Refreshing Rate: 1s

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Measurement range: 0-19.7%,150mmHg, or 0-20kPa
Resolution: 0.1mmHg
Measurement accuracy
           0 - 40 mmHg: ± 2 mmHg
41 - 70 mmHg: ± 5% of reading
          71 - 100 mmHg: ± 8% of reading
         101 - 150 mmHg: ± 10% of reading
Respiration rate: 3-150 bpm
Respiration rate accuracy: 1% \pm1bpm
Warm-up time: 97% within 8s, full accuracy within 20s
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Measurement rage: 0-20% (0 - 150mmHg) Accuracy: < 5.0% CO 2: ± 2 mmHg > 5.0% CO 2: < 6% of reading Respiration rate: 2 ~ 150 BPM Respiration rate accuracy: 1% ±1BPM Warm-up time: 97% within 45s, full accuracy within 10 min Rise times(t10-90%): About 100ms, when flow is 100 ml/min, adult water trap, 1.5m sampling tube Delay time: <3sec when flow is 100 ml/min, adult water trap. 1.5m sampling tube

Channel:2-channel or 4-channel ART: 0 to 300 mmHg PA: -6 to 120 mmHc CVP/RAP/LAP/ICP : -10 to 40 mmHg Measurement range: P1/P2 -50 to 300 mmHg Resolution:1mmHg Accuracy: ±2% or ±1mmHg, whichever is greater(without sensor) Sensitivity: 5uV/mmHg/V Impedance range: 300 to 3000Ω

Power: AC 100-250V, 50/60Hz Temperature: 5-40°C Humidity: <80% Patient Range: Adult, Pediatric, Neonate



