

MEDECO 12.1" color TFT touch screen monitor 9000C



- Windows style, Multi-channel display
- Big font interface
- ST and arrhythmia analysis
- Drug dose calculation and titration table
- OxyCRG dynamic view display
- Respiration monitoring with apnea alarms
- Alarm review, arrhythmia review
- Patient info. Input
- Anti-defibrillation design
- NIBP over pressure protection
- Plug-in rechargeable battery, AC/DC available.
- Supporting wire or wireless network.

Adopting Aiah(TM) ECG technology, anti-interference, be able to collect the weak ECG signal away from interference.

Adopting Surepeb(TM) NIBP technology, accurate measurement to high blood pressure patient and low blood pressure patient.

SP02

Nellcor(TM) OxiMax(TM) is the world leading SpO2 technology
Nellcor(TM) OxiMax(TM) delivers excellent performance,

even in the difficult monitoring conditions of low perfusion and signal interference, including patient motion.

ETCO2

Collaborate with Respironics, Plug and Play EtCO2 monitoring.

CAPNOSTAT mainstream sensor for optimal performance in monitoring intubated patient. Small, durable and lightweight mainstream sensor provides accurate and reliable monitoring for all intubated patients from neonates to adults. Loflo sidestream sensor for monitoring non-intubated patient.

Flexible, compact CO2 sensor provides consistent and reliable monitoring of adult, pediatric and neonatal patients.

Multi Mounting Solutions

ECG

Lead Mode	5 Leads (R, L, F, N, C or RA, LA, LL, RL,V)
Lead selection	I, II, III, avR, avL, avF, V
Wave form	2 ch
Lead mode	3 Leads (R, L, F or RA, LA, LL)
Lead selection	I, II, III,
Waveform	1 ch
Gain	2.5mm/mV, 5.0mm/mV, 10mm/mV,20mm/mV, auto
HR and Alarm Range	Adult 15 ~ 300 bpm Neo/Ped 15 ~ 350 bpm
Accuracy	±1% or ±1bpm, which is greater
Resolution	1 bpm
Sensitivity	> 200 (uVp-p)
Differential Input Impedance	> 5 MΩ
CMRR	Monitor > 105 dB Operation > 105 dB Diagnosis > 85 dB
Electrode offset potential	±300mV
Leakage Current	< 10 uA
Baseline Recovery	< 3 S After Defi.
ECG Signal Range	±8 m V (Vp-p)

Bandwidth	Surgery 1 ~ 20 Hz Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz
Calibration Signal	1 (mVp-p), Accuracy:5%
ST Segment Monitoring Range	Measure and Alarm -2.0 ~ +2.0 mV
ARR Detecting	Type: ASYSTOLE, VFIB/VTAC, COUPLET, BIGEMINY, TRIGEMINY, R ON T, VT>2, BRADY, MISSED BEATS, PNP, PNC, Alarm Available, Review Available

Respiration

Method	Impedance between R-F(RA-LL)
Differential Input Impedance	> 2.5 MΩ
Measuring Impedance Range	0.3~3 Ω
Base line Impedance Range	200~4 KΩ
Bandwidth	0.1~2.5Hz
Resp. Rate	Measuring and Alarm Range Adult 0 ~ 120 Brpm Neo/Ped 0 ~ 150 Brpm Resolution 1 Brpm Accuracy ±2 Brpm
Apnea Alarm	10 ~ 40 S

NIBP

Method	Oscillometric
Mode	Manual, Auto, STAT
Measuring Interval in AUTO Mode	1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 180, 240, 480 (Min)
Measuring Period in STAT Mode	5 Min
Pulse Rate Range	40 ~ 240 bpm
Alarm Type	SYS, DIA, MEAN
Measuring and alarm range	Adult Mode SYS 40 ~ 270 mmHg DIA 10 ~ 215 mmHg MEAN 20 ~ 235 mmHg

Pediatric Mode

SYS 40 ~ 200 mmHg

DIA 10 ~ 150 mmHg

MEAN 20 ~ 165 mmHg

Neonatal Mode

SYS 40 ~ 135 mmHg

DIA 10 ~ 100 mmHg

MEAN 20 ~ 110 mmHg

Resolution	1mmHg
Accuracy	Maximum Mean error ± 5 mmHg Maximum Standard deviation ± 8 mmHg
Overpressure Protection	Adult Mode 297 ± 3 mmHg Pediatric Mode 240 ± 3 mmHg Neonatal Mode 147 ± 3 mmHg

SpO2

Measuring Range	0 ~ 100 %
Alarm Range	0 ~ 100 %
Resolution	1 %
Accuracy	70% ~ 100% 2 % 0% ~ 69% unspecified

Actualization interval/about	1 Sec.
Alarm Delay	10 Sec.
Pulse Rate	Measuring and Alarm Range 20~300 bpm Resolution 1bpm Accuracy ± 3 bpm

TEMP

Channe	2
Measuring and Alarm Range	0 ~ 50 °C
Resolution	0.1 °C
Accuracy	± 0.2 °C
Actualization interval/about	1 Sec.
Average Time Constant	< 10 Sec.

IBP

Label	ART, PA, CVP, RAP, LAP, ICP, P1, P2
Measuring and alarm range	ART 0 ~ 300 mmHg

PA -6 ~ 120 mmHg
CVP/RAP/LAP/ICP-10 ~ 40 mmHg
P1 / P2-10 ~ 300 mmHg

Press Sensor	Sensitivity 5 uV/V/mmHg Impedance 300-3000Ω
Resolution	1 mmHg
Accuracy	±2% or 1mmHg which is greater
Actualization interval	about 1 secretary

Standard: ECG, Respiration, NIBP, SpO2, Pulse Rate, Temperature
Optional: Nellcor SpO2, EtCO 2, IBP, Thermal Recorder