

MEDECO 9000D 15" monitor



15" color TFT screen 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.

ECG

Lead mode 5 Leads, I, II, III, AVR, AVL, AVF, V

Gain $\times 2.5\text{mm/mV}$, 5.0mm/mV , 10mm/mV , 20mm/mV , auto

Heart rate Measure range:

Adult 15 ~ 300 bpm

Neonatal/Pediatric 15 ~ 350 bpm

Accuracy	±1%
Resolution	1 bpm
Sensitivity	> 200 V μ P-P
Differential Input Impedance	> 5 M ohm
CMRR	Monitor Mode >100 dB Surgery Mode >100 dB Diagnostic Mode >90 dB
Electrode offset potential	±300mV
Leakage Current	< 10 μ A
PACE pulse detect	range ±2~±700mV width 0.1~2ms rise time 10~100 μ s
PACE pulse rejection	range ±2 ~±700mV width 0.1~2ms rise time 10 ~100 μ s
Baseline Recovery	< 3 s After defibrillation.
Signal Range	±8 mV p-p
Bandwidth	Surgery 1 ~ 20 Hz Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz
Calibration Signal	1 mV p-p, 5% accuracy
ST measurement	Range -2.0 ~+2.0 mV Accuracy-0.8mV~+0.8mV ±0.02mV or±10%, which is greater Other range: unspecified

Respiration	
Method	Impedance between RA-LL
Differential Input Impedance	>2.5 M Ω
Respiration Impedance Range	0.3~3 Ω
Base Impedance Range	200 Ω ~4000 Ω
Bandwidth	0.1 ~ 2.5 Hz
Gain	×0.25,×0.500,×1,×2,×4
Respiration Rate	Measurement Range Adult 0 ~ 120 BrPM Neonatal / Pediatric 0 ~ 150 BrPM
Resolution	1 BrPM
Accuracy	0~6 BrPM: unspecified 7~150 BrPM:±2 BrPM or±2% use the greater

Inspiriting current < 300 A RMS max
 Apnea Alarm 10 ~ 40 s

NIBP

Method Oscillometry
 Measure mode Manual, Auto, Continual
 Measure Interval in AUTO Mode 1,2,3,4,5,10,15,30,60,90,120,180,240,480 min
 Measure Period in Continual Mode 5 min
 Pulse Rate Range 40 ~ 240 bpm
 Measure and Alarm Range Adult Mode
 SYS 40 ~ 270 mmHg
 DIA 10 ~ 215 mmHg
 MEAN20 ~ 235 mmHg
 Pediatric Mode
 SYS 40 ~ 220 mmHg
 DIA 10 ~ 150 mmHg
 MEAN20 ~ 165 mmHg
 Neonatal Mode
 SYS 40 ~ 135 mmHg
 DIA 10 ~ 100 mmHg
 MEAN 20 ~ 110 mmHg

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

SpO2

Measurement Range 0 ~ 100 %
 Resolution 1 %
 Accuracy 70% ~ 100% ±2 %
 69%
 0% ~ 39% unspecified

Pulse Rate Measure and Alarm Range 20~300bpm
 Resolution 1bpm
 Accuracy ±3bpm

TEMP

Channel 2

Measure and Alarm Range	0 ~ 50°C
Resolution	0.1°C
Accuracy(no sensor)	±0.1(25°C-45°C),0.2± °C(other)
Accuracy(include sensor)	±0.2°C(32°C-42°C) ±0.3(other)

tandard: ECG, Respiration, NIBP, SpO2, Pulse Rate, Temperature

Optional: EtCO2, IBP, Thermal Recorder