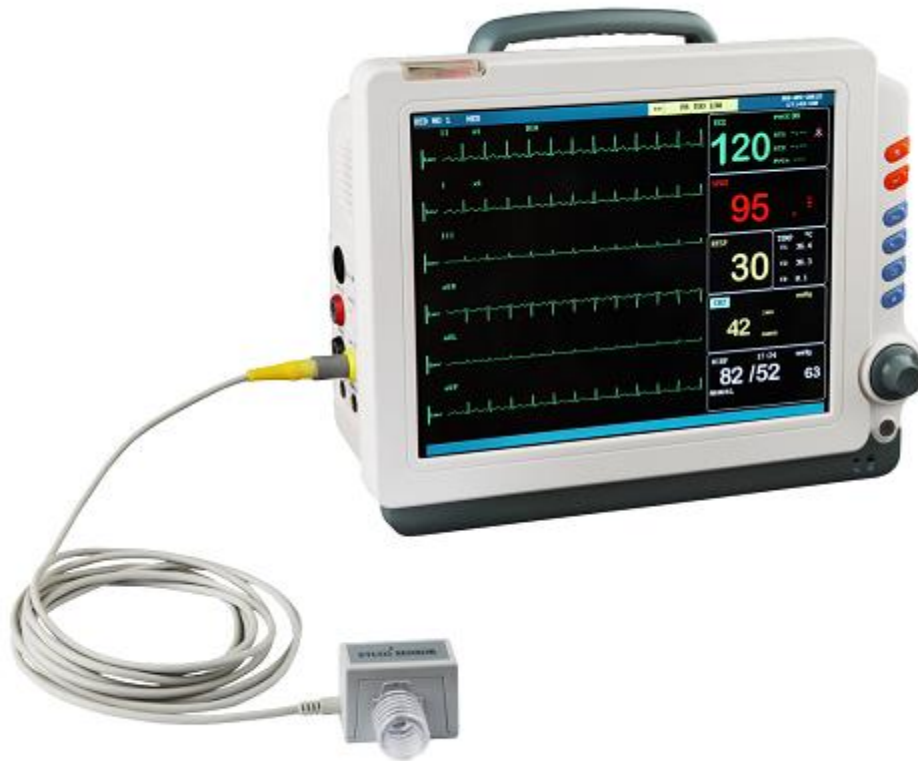


MEDECO 12.1" color TFT screen Monitor 9000



- 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.

Technical Specifications

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

Waveform	2 ch
Lead mode	3 Leads (R, L, F or RA, LA, LL)
Lead selection	I, II, III,
Wave form	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
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Electrode offset potential	±300mV
Leakage Current	< 10 uA
Baseline Recovery	< 3 S After Defi.
ECG Signal Range	±8 mV (Vp-p)

Bandwidth	Surgery 1 ~ 20 Hz Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz
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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
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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

Channel	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
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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