هر روز بهتر از دیروز

Patient Monitor

SINA 10





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SAIRAN
Medical Equipments

صاایران
هر روز بهتر از دیروز

Technical Specifications

General	
Display	Color TFT 1024x600 ,10.1”
Weight	<3.5 Kg
Power Requirements	12 VDC, <40 VA
Frequency	50/60 Hz
Operating Temperature	0 to 40 ºC
Storage Temperature	-20 to 60 ºC
Relative Humidity	25 to 95%
Storage Humidity	10 to 95%
Atmospheric Pressure	700 to 1060hpa

ECG	
Number of ECG Channels	4 Channels
Available Leads	I, II, III, aVR, aVL, aVF
Measuring Range	30-300 BPM
QRS Detection	Adult Mode: 70 -120 ms, 0.25 - 5 mV Neonate Mode: 40 - 120 ms, 0.2 - 5 mV
Accuracy	2bpm or 2% max
CMRR	At Least 115 db at 50 Hz
Defib. Protection	Yes
Leakage Current	<10 uA
Pace Detection	Amplitude ±2 to ±700 mV, Width 0.1 to 2 ms (Without Over/Undershoot)
Cable	3/5 wire Standard Cable
Input Impedance	>10 MΩ at 10 HZ
Filter Modes	0.5 - 25 Hz (Surgery Mode), 0.5 - 40 Hz (Monitor Mode), 0.05 - 100 Hz (Extended Mode), 0.05 - 150 HZ (Diagnose Mode)
Gain	1.25, 2, 5, 10, 20 mm/mv

CO_2 Main-Stream (Optional)	
Transducer Type	Air Way Main Stream
Displayed Parameters	RR, Waveform Data and Inspired/ Expired | Concentrations of CO_2
Measuring Range	CO_2 : 0 – 75 mmHg | Resp: 3-100 Brpm
Accuracy	±(0.43% + 8% of Gas Level)
Respiration Accuracy	±1 bpm

Recorder (Optional)	
Model	CSN-TECH Thermal Printer
Printing Speed	25mm/sec

NIBP	
Displayed Parameters	Systolic, Mean and Diastolic Pressure HR on Measuring Time
Measuring Range	20-280 mmHg (Adult/Pediatric Mode) | 5-155 mmHg (Neonate Mode)
Accuracy	Maximum Mean Error ±5 mmHg with Maximum 8 mmHg SD
Memory	Up to 100 Records

IBP	
Number of Channels	2
Displayed Parameters	Systolic, Mean and Diastolic Pressure (Number and Curve)
Linear Input Range	-30 to +300 mmHg After Zeroing
Accuracy	±2mmHg or 2% Without Transducer
Zero Accuracy	±1mmHg
Pressure Sensor Sensitivity	5uV/V/mmHg

Temp	
Number of Channels	2
Displayed Parameter	Temperature
Measuring Range	10 to 50 ºC
Accuracy	±0.1 ºC (25-45 ºC), ±0.2 ºC (Otherwise), Exclusive Probe Error
Resolution	0.1 ºC

Pulse Oximetry (SpO_2)(Optional)	
Display Parameters	Saturation, Pulse Rate and Curve
SpO_2 Range	1-100%
Pulse Rate Range	20-300 bpm
Saturation Accuracy	± 3% at 70-100 % (Unspecified at 1-70%)
Pulse Rate Accuracy	± 3 bpm
Modes	Adult and Neonate Mode
Low Perfusion Measurement	Improved Performance with Low Perfusion Patients

Respiration	
Sensing Lead	I
Displayed Parameters	Respiration Rate and Curve
Breath Rate Range	15-120 Brpm
Dynamic Range	0.5 - 3 Ω
Accuracy	2Brpm or 4% max