

Heal Force Patient Monitor Series

Advance-150

Multi-Parameter Patient Monitor



Heal Force leads you to healthier life

Advance-150

Multi-Parameter Patient Monitor

- 15" high resolution color TFT screen
- 5 or 9-channel waveform display with trend coexistence, switchable to large font
- Monitoring standard parameters of ECG, SpO₂, RESP, NIBP, TEMP & pulse
- Automatic analysis of 20 arrhythmia waveforms
- S-T segment with automatic & manual analysis
- Digital SpO₂ technology with anti-motion & anti-low infusion
- Trend data analysis for 8/24/120 hours
- Storage & review 500 groups of data & 24-hour ECG waveforms
- Protection against interference from defibrillator & electrosurgical unit
- Feasible to be used with cardiac pacemaker together
- Optimized modes for adult, child & neonate
- Removeable rechargeable battery
- Network capability (optional)



Technical Specifications

ECG

ECG Amplifier Bandwidth		Monitoring mode:0.5~40Hz Diagnosis mode:0.05~75Hz	
CMRR		>80dB	
Heart Rate	Range	20~250bpm	
	Accuracy	±2bpm	
ECG Gain	1/2	5 mm/mV±5%	
	1	10 mm/mV±5%	
	2	20 mm/mV±5%	
	Auto	Auto gain control	
Lead Selection		GND; Standard I, II, III; aVR, aVL, aVF; chest V1~V6	
ECG Sweeping Speed		12.5mm/s, 25mm/s, 50mm/s	
Alarm Setting		Customized upper & lower limits & autosaved	

SpO₂

Display	SpO ₂ value & waveform, pulse rate & histogram
Measurement Range of SpO ₂	0~99%
Resolution of SpO ₂	±1 %
Accuracy of SpO ₂	±2 % (75~99%)
	±3 % (50~75%)
Measurement Range of Pulse Rate	30~240 bpm
Accuracy of Pulse Rate	±2bpm
Alarm Setting	Customized upper & lower limits & autosaved

RESP

Measurement Method	Thoracic impedance
Measurement Range	0~100 bpm
Accuracy	±5%
Alarm Setting	Customized upper & lower limits & autosaved

TEMP

Range	28.0~45.0°C
Accuracy	± 0.2°C
Alarm	Customized upper & lower limits & autosaved

NIBP

Measurement Method	Intelligent oscillometric method	
Parameters	Systolic, diastolic & mean pressure	
Working Modes	Manual, automatic & STAT (5 minutes)	
Unit Display	mmHg/kPa selectable	
Cuff Pressure Range	0~300 mmHg	
Cuff Type	Adult (standard) Child/neonate (optional)	
Automatic Measuring Time	1~240 minutes	
Inflation Time	≤10s (typical adult cuff)	
Deflation Time	≤2s (typical adult cuff)	
Monitoring Range	Adult/Child	Systolic 25~265mmHg
		Diastolic 12~220mmHg
	Neonate	Mean 18~245mmHg
		Systolic 25~135mmHg
		Diastolic 12~110mmHg
		Mean 18~120mmHg
Alarm Setting	Customized upper & lower limits & autosaved	

General Specifications

Standard Configuration	ECG,HR,RESP,NIBP,SpO ₂ ,PR,TEMP,Battery
Power	100~250VAC, 50/60Hz
Power Consumption	≤80VA
Display	TFT Color LCD (15")
Alarm	Audible & visual
Networking	RJ45
Battery	Rechargeable lead-acid battery
Service Life	≥2 hours
Safety Standard	EN IEC60601-1 (GB9706.1)
Optional Module	Built-in thermal printer
	1-channel IBP
	2-channel IBP
	Sidestream CO ₂
	Mainstream CO ₂



Heal Force Bio-Meditech Holdings Group

Nison Instrument (Shanghai) Limited

Floor 15, No.2 Hua Shan RD., Shanghai 200040, P.R. China

Tel: +86 21 62728646 Fax: +86 21 62710529

www.healforce.com