

Standart Configuration

ECG,RESP,Dual-Temp,SPO2,NIBP,PR

Optional Configurations

Thermal Recorder, CO2, IBP

Safety Standards

ISO 13485:2003 approved, CE marking according to MDD93/42/EEC

Physical Characteristics

Product Size:	300mmX265.7mmX132mm
Net Weight:	2.8kg
RR measurement range:	Adult: 0-120bpm Pediatric/Neonate:0-150bpm
Resolution:	±1 rpm
RESP Apnea Alarm:	10s-40s
Alarm:	Audible and visual alarm; alarm events recallable
Sweep Speed:	6.25, 12.5, 25mm/s
Gain Selection:	X0.25, X0.5, X1, X2, X4

ECG

Lead Type	5 Lead and 3 lead selectable
5-lead cable:	RA; LA; RL; LL; V or R; L; N; F; C
3-lead cable:	RA; LA; LL or R; L; F
Lead selection:	5-lead: I; II; III; aVR; aVL; aVF; V 3-lead: I; II; III
Gain Selection	X0.25, X0.5, X1, X2
Sweep Speed	12.5, 25, 50mm/s
Heart Rate Range	Adult: 15-300bpm Pediatric/Neonate:15-350bpm
Resolution:	1 bpm
Protection:	Withstand 4000VAC/50Hz voltage in isolation; Against electrosurgical interference and defibrillation;
Accuracy:	±1% or ±1bpm (whichever is greater)
Filter	MON Mode:0.5 Hz~40 Hz DIA Mode: 0.05Hz~130 Hz OPE Mode:1 Hz~20 Hz ST Mode:0.5Hz~40Hz
ST SEGMENT detection:	-2.0mV - +2.0mV (Automatic)
Arrhythmia analysis :	Yes
pacemaker detection:	detectable

NIBP

Method	Automatic Oscillometric
Work mode:	Manual / Automatic/Continuous
Auto measure time:	Adjustable(1-480min)
Measurement Unit:	mmHg / Kpa selectable
Measurement types:	Systolic, Diastolic, Mean
Range of systolic pressure:	Adult Mode:40-270mmHg Pediatric Mode:40-200mmHg Neonate Mode 40-135mmHg
Range of diastolic	Adult Mode:10-215mmHg

Range of mean pressure:

Adult Mode:20-235mmHg

Pediatric Mode:20-165mmHg

Neonate Mode 20-110mmHg

Over-pressure protection:

both Hardware and software over pressure protection

Accuracy:

Less than ±5mmHg

Resolution

1mmHg

Alarm

Systolic, Diastolic, Mean

PR from NIBP:

40-240bpm

TEMPERATURE (DUAL CHANNEL)

Measurement range:	0-50°C (32 to 122F)
Resolution:	0.1°C
Accuracy:	±0.1°C (without probe)
Channel:	2 channels, T1, T2
Nellcor SPO2	
Measurement & alarm range:	0-100%
Resolution:	1%
Accuracy:	±2% (70-100%, MAX-A, MAX-AL, MAX-N, MAX-P, MAX-I and MAX-FAST sensors); ±3% (70-100%, D-YS, DS-100A, OXI-A/N and OXI-P/I sensors); 0-69% unspecified
Alarm range:	0-100%
PR Measurement	
Range:	20-300bpm
Resolution:	1bpm
Accuracy:	±3bpm (20~250bpm) Unspecified (251-300bpm)
Alarm Range:	20-300bpm

Masimo SPO2

Measurement & alarm range:	1-100%
Resolution:	1%
Accuracy:	±2% (70-100%, Adu/Ped, motion) ±3% (70-100%, Neo, non-motion) ±3% (70-100%, Adu/Ped, motion) 0-69% unspecified
Alarm range:	1-100%
Pulse rate range:	25-240bpm

Operation Environment

working Temperature:	5-40°C
Humidity:	≤93%
Power Supply	AC100-240V, 50/60Hz
Battery Type:	Rechargeable lithium battery
Battery Capacity:	2200mAh
Battery Recharging:	Maximum 3.5 hours for charging
Battery working time:	2 hours for continuous operation

Performance Specifications

Patient types:	Adult, Pediatric, Neonatal
Display:	12.1" color TFT screen
Resolution:	800x600
Trace	4 waveforms
Sweep Speed:	12.5mm/s, 25mm/s, 50mm/s



IBP

Channel	2 channels
Measured Pressure	ART,PA,CVP,RAP,IAP,ICP,P1,P2
Measurement Range:	ART: 0~300mmHg PA: -6~120 mmHg CVP: -10~40mmHg RAP: -10~40mmHg IAP: -10~40mmHg ICP: -10~40mmHg P1, P2: -50~300mmHg
Alarm Range:	-50mmHg~300mmHg
Accuracy:	±2% or ±1mmHg, whichever is greater

• ST segment analysis
• Arrhythmia analysis functions

