C60 (C66C68) Product Specifications



1. Monitor Type

Classified by	Type
Electric shock	Externally powered Class-I equipment, continuous operation equipment
protection type	Externally powered Class-1 equipment, continuous operation equipment
Defibrillation-proof	defibrillation resistant equipment with internal power supply.
applied parts	denormation resistant equipment with internal power suppry.
Electric shock	Equipment with CF applied part (ECG, and IBP monitoring part) and
protection level	BF applied parts (all other monitoring parts).
IP grade	IPX1
Work mode	Continuous operation equipment
	IEC 60601-1 IEC 60601-1-8 IEC 60601-2-27 EN 1060-3 IEC
Safety standards	80601-2-30 IEC60601-2-34 IEC60601-2-49 ISO 80601-2-56 ISO
	80601-2-61

2. Monitor Specifications

1) Environmental Specifications

Item	Specification	
Working conditions	Ambient temperature	5°C~40°C

	RH	≤93%
	Barometric pressure	700hPa~1060hPa
Transport conditions	transport.Themonitor	the monitor against violent impact, vibration, rain and snow in r should be Transported in a well-ventilated room without corrosive perature: -20 $^{\circ}$ C ~60 $^{\circ}$ C; RH: \leq 93%; Barometric pressure:
Storage conditions		uld be packed and stored in a well-ventilated room without corrosive perature: -20 $^{\circ}$ C ~60 $^{\circ}$ C ; RH: \leq 93%;Barometric pressure:

2) Power Supply

Item	Specification	
AC input	100-240V~	
voltage	100-240 V ~	
AC input	50/60Hz	
frequency	30/00112	
Power supply	Powered either by built-in battery or external AC.	
Input power	50VA	
Built-in	Standard: 11.1V === 2200mAh rechargeable lithium-ion battery, supplying	
battery	power for at least 2 consecutive hours in normal use once fully charged.	
Defibrillation Synchronization	output +5V defibrillation synchronization signal during 100ms	
Analog Output Bandwidth: 0.5-40Hz; Max delay: ≤35ms; error: ±5%;		

3) General Specifications

Item	Specification
Size and weight	Size: 242mm×218mm×121mm
Size and weight	Weight: 2.5kg
LCD specification	Size: 8.4 Inch
	Pixel :800×600
Display	maximum 6 waveforms display
information	

4) ECG Specifications

Name	Specifications	
ECG should be subject to IEC 60601-2-27		
Range and accuracy of heart	Neonate:15~350bpm	
rate detection	$\pm 1\%$ or ± 1 bpm (both maximum)	
Upper and lower limits and	Neonate:	

amon of alama	TT 1' '- 171 2501				
error of alarm	Upper limit: 17bpm∼350bpm				
	Lower limit:15bpm~348bpm				
	Error of alarm should be setting value±1bpm				
Heart rate alarm occurring time	≤10s				
	Monitoring mode: $0.5 \sim 40$ Hz;				
cardiac electrophysiology	Diagnostic mode: 0.05~150Hz;				
channel bandwidth	Surgical mode: $1\sim$ 20Hz.				
	ST mode: 0.05Hz~40Hz				
Lead selection	Standard 3,5				
Three Lead mode	RA, LA, LL, displaying I, II, III				
Five Lead mode	RA, LA, LL, RL, V, displaying I, II, III, aVR, aVL, aVF, V				
Electrode disconnection Indication	Automatic detection display				
Scanning speed	6.25mm/s、12.5mm/s、25mm/s、50mm/s, error≤±10%				
Gain selection	×0.125,×0.25, ×0.5 , ×1, ×2,×4 and auto, error<±5%				
Cardiac Electrophysiology Noise level	≤25μVP-P.				
ECG Common mode rejection	Monitoring Mode: >105dB;				
ratio	Surgery mode: >105dB;				
	Diagnosis mode: >90dB;				
	ST mode: >105dB.				
	AC waveform:				
Cardiac Electrophysiology	Current :<0.1μA;				
Input loop current	Frequency 64kHz, $\pm 10\%$				
Input impedance	≥5M Ω				
Cardiac Electrophysiology common mode rejection ratio(CMRR) (10V RMS industrial frequency noise is allowed)	≤1mV				
Time constant	Monitoring, surgical mode: ≥0.3s;				
1 mic constant	Diagnosis mode: ≥3.2s.				
Anti-interference	Anti-power frequency interference; anti endotherm knife interference; protection for defibrillator discharge				

HR Calculation	n
	1.2mV
Tall T-wave	heart rate device will inhibit all QRS wave groups whose amplitudes are
rejection capability	below 1.2mV,100ms ,and T wave whose intervals are 180ms and Q-T intervals
	350ms
	If all of the last 3 RR intervals are longer than 1200ms, the average of the last
HR calculation	4 RR intervals is the HR. In other cases, the average of the last 12 RR intervals
	(with the longest interval and shortest interval excluded) is the HR.
Cardiotachometer	HR is displayed as follows after the 20s stable segment:
accuracy and response	(bigeminy): 80±1bpm

to arrhythmia	(slowly varying bigeminy): 60±1bpm			
	(quickly varying bigeminy): 120±1bpm			
	(two-way contraction): 90±2bpm			
Response time for	the response time for a HR change, whether from 80bpm to 120bpm or from			
HR changes	80bpm to 40bpm, is less than 10s.			
	The waveform:			
Tachyoardia	1 - range: 10s			
Tachycardia alarm start time	0.5 - range: 10s			
	2 - range: 10s			
	1 - range: 10s			

5) Resp Specifications

Name	Specifications				
Way	Thoracic impedance method (RA-LL impedance method)				
	Range of	detection	neonate		0bpm-150bpm
Range and accuracy	Accuracy		The measurement accuracy within 0~6rpm range is		
of measurement			not defined.		
			7~150 rpm, ±2rpm or±2%		
Accuracy and error of preset alarm of respiration rate		upper limit		Lo	wer
	neonate			limit+2rpm~150rpm	
		lower limit		0~	upper limit -2rpm
respiration rate	Error		±1rpm		

6) SpO₂ Specifications

Name	Specifications
Displaying	Pulse waveform, SPO2
Display	1%
Resolution	
Data update	2s
time	
Data averaging	8s
and other signal	
processing time	
Upper and	Masimo SPO2:Upper limit: lower limit+ 1%~100%
lower limit of	Lower limit: 0% ∼upper limit -1%
alarm preset and	Nellcor SPO2: Upper limit: lower limit+ $1\% \sim 100\%$
accuracy	Lower limit: 20% ~upper limit -1%
	Error of alarm should be setting value±1%
Range and	a) Masimo:measurement range is 1%~100%, with range of 70 % \sim 100 % :
accuracy	measurement error should be±3%
	b) Nellcor:measurement range is 0%~100% , with range of 70 % \sim 100 % :
	measurement error should be±3% (No state of motion)
Preset of alarm	Masimo:measurement range is 1%~100%
and accuracy	Nellcor:measurement range is 0%~100%
	Error of alarm should be setting value±1%

7) PR Specifications

1) I K Specifications	
Item	Specification
Measurement range and accuracy	 Masimo SpO₂ sensor: Measurement range: 25bpm~240bpm; resolution: 1bpm; measurement error: ±3bpm (in non-motion state) or ±5bpm (in motion state). Nellcor SpO₂ sensor: Measurement range: 20bpm~300bpm; resolution: 1bpm; measurement error: ±3bpm within 20bpm~250bpm range. The measurement accuracy within 251bpm~300bpm range is not defined. NIBP sensor: Measurement range: 40bpm~240bpm; resolution: 1bpm; measurement error: ±3bpm or ±3%, whichever is greater. IBP sensor: Measurement range: 20bpm~350bpm; resolution: 1bpm; measurement error within 20bpm~350bpm range: ±1bpm or ±1%, whichever is greater (excluding the sensor error).
PR alarm limit range	20bpm~350bmp
and accuracy	±1bpm

8) Temp Specifications

Name	Specifications			
	Detection	0°C∼50°C		
Measurement range	range			
and accuracy	Measurement	±0.1℃		
	error	±0.1 C		
A.1 (4) 1	Alarm setting	Upper limit : lower limit+0.1 $^{\circ}$ C \sim 50.0 $^{\circ}$ C		
Alarm setting and accuracy	range	Lower limit :0 $^{\circ}$ C \sim upper limit -0.1 $^{\circ}$ C		
decuracy	Alarm error	±0.1℃		
Display Resolution	0.1°C			
Channel Two-channel				
Operating mode	Direct mode	irect mode		
Transient response No greater than 40 seconds				

9) CO₂ Specifications

Item		Specification			
The EtCO ₂ sense	The EtCO ₂ sensor complies with ISO 80601-2-55.				
Masimo EtCO ₂	sensor (mainstream)			Masimo EtCO ₂ sensor (sidestream)
CO ₂ measurement range	0mmH 760mr	Ig~190mmHg, nHg)	0~25%	(at	0mmHg~190mmHg, 0~25% (at 760mmHg)
CO ₂ resolution	1mmF	Ig, 0.1kPa or 0.1	%		1mmHg, 0.1kPa or 0.1%

	0~15%: ±(0.2%+reading×2%)	0~15%: ±(0.2%+reading×2%)
CO ₂ accuracy	15~25%: not defined	15~25%: not defined
CO ₂ alarm limit		
range	0~190mmHg	0~190mmHg
CO ₂ alarm		
resolution	±0.1kPa or ±1mmHg	± 0.1 kPa or ± 1 mmHg
awRR		
measurement	0~150rpm	0~150rpm
range	o isoipiii	o isoipiii
awRR		
measurement	±1rpm	±1rpm
accuracy		
awRR alarm		
limit range	0rpm~150rpm	0rpm~150rpm
awRR alarm		
resolution	1rmp	1rmp
	P	. 20 25 20 25 40
	Range	neonate: 20s, 25s, 30s, 35s, 40s
	Error	±5s
range and error		
No breathalarm	10s、15s、20s、25s、30s、35s、40s、	45s, 50s, 55s, 1min, Off
delay	100	D : : AI 1/D I E/CO
Respironics/Nm	ed/Palconn EtCO ₂ sensor	Respironics/Nmed/Palconn EtCO ₂ sensor
(mainstream)	T	(sidestream)
00	0 150 11	0 150 II
CO ₂	0~150mmHg	0~150mmHg
measurement	0%~19.7%	0%~19.7%
	0%~19.7% (0~20.0kPa)	0%~19.7% (0~20.0kPa)
measurement	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg
measurement range	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg
measurement range	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg
measurement range CO ₂ resolution	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading
measurement range	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading
measurement range CO ₂ resolution CO ₂ accuracy	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading
$ \begin{tabular}{ll} measurement \\ range \\ CO_2 resolution \\ CO_2 accuracy \\ CO_2 alarm limit \\ \end{tabular} $	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading
measurement range CO ₂ resolution CO ₂ accuracy CO ₂ alarm limit range	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading
measurement range CO ₂ resolution CO ₂ accuracy CO ₂ alarm limit range	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading
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$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading
$\begin{tabular}{ll} measurement \\ range \\ CO_2 resolution \\ \hline CO_2 accuracy \\ \hline CO_2 alarm limit \\ range \\ \hline CO_2 alarm \\ resolution \\ \hline awRR \\ measurement \\ range \\ \hline \end{tabular}$	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg
measurement range CO2 resolution CO2 accuracy CO2 alarm limit range CO2 alarm resolution awRR measurement	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg
$\begin{tabular}{ll} measurement \\ range \\ CO_2 resolution \\ \hline CO_2 accuracy \\ \hline CO_2 alarm limit \\ range \\ \hline CO_2 alarm \\ resolution \\ \hline awRR \\ measurement \\ range \\ \hline \end{tabular}$	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg
measurement range CO2 resolution CO2 accuracy CO2 alarm limit range CO2 alarm resolution awRR measurement range awRR	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg
measurement range CO2 resolution CO2 accuracy CO2 alarm limit range CO2 alarm resolution awRR measurement range awRR measurement	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg ±1rpm	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg ±1rpm
measurement range CO2 resolution CO2 accuracy CO2 alarm limit range CO2 alarm resolution awRR measurement range awRR measurement accuracy	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg
measurement range CO2 resolution CO2 accuracy CO2 alarm limit range CO2 alarm resolution awRR measurement range awRR measurement accuracy awRR alarm	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg 10~150rpm ±1rpm 0~150rpm	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg 0~150rpm ±1rpm 0~150rpm
measurement range CO2 resolution CO2 accuracy CO2 alarm limit range CO2 alarm resolution awRR measurement range awRR measurement accuracy awRR alarm limit range	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg ±1rpm	0%~19.7% (0~20.0kPa) 0~69mmHg: 0.1mmHg 70~150mmHg: 0.25mmHg 0~40mmHg: ±2mmHg 41~70mmHg: ±5%×reading 71~100mmHg: ±8%×reading 101~150mmHg: ±10%×reading 0~150mmHg ±0.1kPa or ±1mmHg ±1rpm

No breath alarm limit	Range	neonate: 10s、15s、20s、25s、30s、35s、40s
range and error	Error	±5s
No breathalarm delay	10s、15s、20s、25s、30s、35s、40s、	45s、50s、55s、1min、Off

10) O2 sensor specifications

10) 02 sensor specifications		
Name	Specifications	
Measurement range and	0~100%, accurancy ±1%	
accurancy	0~100%, accurate y ±1%	
Unner and layer limit of	Upper limit:lower limit+2%~100%	
Upper and lower limit of alarm and resolution	Lower limit:0%~Upper limit-2%	
ararm and resolution	Resolution: ±1%	
Respondence time	<15s	

11) NIBP Specifications

Name Name	Specifications				
The NIBP sensor co	omplies with	IEC 8060	01-6-30.		
Measuring mode	Automatic oscillation				
Measuring parameter	systolic pressure, diastolic pressure, mean arterial pressure				
Working mode	Manua	Manual, auto and continuous			
Cycle time of auto measuring	1~480	1~480 mins			
			Systolic blood pressure 5.3 kPa -18kPa (40-135mmHg		
Measuremen	Measu	rement	Diastolic blood 1.3 kPa -13.3kPa(10-100mmHg		
t range	range for no	eonate	pressure)		
			Mean blood pressure 2.7 kPa -14.7kPa(20-110mmHg		
Range and	Scope		Should be 0mmHg~300mmHg。		
accuracy of static pressure	accuracy Should be ±3mmHg				
Overpressure	Neonate mode 150mmHg				
Protection	tolerar	nce	±3mmHg		
	Neonate systolic pressure diastolic pressure	evetolic	5.3kPa~18kPa (40mmHg~135mmHg)		
Alarm range		•	Upper limit: 5.6kPa~18kPa (42mmHg~135mmHg)		
		pressure	Lower limit: 5.3kPa~17.7kPa (40mmHg~133mmHg)		
		1.3kPa~13.3kPa (10 mmHg~100mmHg)			
		pressure	Upper limit: 1.6kPa~13.3kPa (12 mmHg~100mmHg)		
		pressure	Lower limit: 1.3kPa~13.1kPa (10 mmHg~98mmHg)		
	mean 2.7kPa~14.7kPa (20mmHg~110mmHg)				

		pressure	e Upper limit: 2.9kPa~14.7kPa (22mmHg~110mmHg)	
			Lower limit: 2.6kPa~14.4kPa (20 mmHg~108mmHg)	
	Error		±0.1kPa or±1mmHg (Both maximum)	
NIBP				
measurement	2000 N	2000 NIBP measurement data		
recall				

12) IBP Specifications

12) IBP Specifications			
Item	Specification		
Number of IBP channels	2		
	ART (arterial pressure), PA (pulmonary artery pressure), CVP (central		
	venous pressure), RAP (right atrial pressure), LAP (left atrial pressure), ICP		
Pressure name	(Intracranial pressure), AO (aortic pressure), UAP (umbilical artery pressure),		
	BAP (brachial artery pressure), FAP (femoral artery pressure), UVP (umbilical		
		essure), LV (left ventricular pressure), P1, P2, P3 and P4	
	ART	0~40kPa (0~300mmHg)	
	PA	-0.8~16kPa (-6~120mmhg)	
	CVP	-1.3~5.3kPa (-10~40mmHg)	
	RAP	-1.3~5.3kPa (-10~40mmHg)	
	LAP	-1.3~5.3kPa (-10~40mmHg)	
	ICP	-1.3~5.3kPa (-10~40mmHg)	
W	P1, P2	-6.6~40kPa (-50~300mmHg)	
Measurement range and accuracy	P3, P4	-6.6~40kPa (-50~300mmHg)	
and docuracy	LV	0~40kPa (0~300mmHg)	
	AO	0~40kPa (0~300mmHg)	
	UAP	0~40kPa (0~300mmHg)	
	BAP	0~40kPa (0~300mmHg)	
	FAP	0~40kPa (0~300mmHg)	
	UVP	-1.3~5.3kPa (-10~40mmHg)	
	IAP	-1.3~5.3kPa (-10~40mmHg)	
Static pressure measurement range -1.3kPa~+40kPa(-50mmHg~+300mmHg)		Pa~+40kPa(-50mmHg~+300mmHg)	
Display resolution for static pressure measurement	0.1kPa or 1mmHg		
Static pressure measurement error	± 1 mmHg or ± 2 %, whichever is greater (excluding the sensor error).		
IBP alarm limit range	AR	0	
(SYS, DIA, MAP)	T	0mmHg -300mmHg	
	PA	-6mmHg~120mmHg	

	CVP	-10mmHg~40mmHg
	RAP	-10mmHg~40mmHg
	LAP	-10mmHg~40mmHg
	ICP	-10mmHg~40mmHg
	P1	-50mmHg~300mmHg
	P2	-50mmHg~300mmHg
	P3	-50mmHg~300mmHg
	P4	-50mmHg~300mmHg
	LV	0mmHg~300mmHg
	AO	0mmHg~300mmHg
	UA	
	P	0mmHg~300mmHg
	BAP	0mmHg~300mmHg
	FAP	0mmHg~300mmHg
	UV	
	P	-10mmHg~40mmHg
	IAP	-10mmHg~40mmHg
IBP alarm error	±0.1kPa	or ±1mmHg
Pressure sensor	Sensitivity: 5µV/V/mmHg	
1 lessure sensul	Impedance range: 300~3000Ω	
Pressurezerocalibration	Each ch	annel should feature a pressure zero calibration function, with an
Fressurezerocanoration	accuracy of	± 1 mmHg or ± 0.1 kPa.)

13) Wake specification

3) wake specificano						
Name	Specifications					
Measuring range	RESP, CO2, SpO2 and HR					
Trigger condition	RESP<7bmp, CO2<7 mmHg, SpO2 <85% (default) or HR<100(default)					
Stimulus mode	Beater vibration					
Stimulus strength	15000 ± 800 rpm					
Stimulus frequency	5s (Stimulate for 3s and stop for 2s)					
Response time	0-20s					

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