## **Specification: V1**



## SHENZHEN COMEN MEDICAL INSTRUMENTS CO.,LTD

Floor 10, Floor 11 and Section C of Floor 12 of Building 1A & Floor 1 to Floor 5 of Building 2, FIYTA Timepiece Building, Nanhuan Avenue, Matian Sub-district, Guangming District, Shenzhen, Guangdong, 518106,P.R. China

Tel: +86-755-26408879 Fax: +86-755-26431232 Email: info@szcomen.com Web: www.comen.com



## Ventilator

V1



<b>Physical Characteristics</b>			
Dimensions	330 mm × 314 mm × 215 mm		
	(Height × Width × Depth) (including		
	handle)		
	330 mm × 247 mm × 215 mm		
	(Height × Width × Depth)		
	(excluding handle)		
Weight	6.5 kg (main unit)		
Air Supply	Integrated ultra-silent turbine		
Oxygen inlet	External low-pressure oxygen inlet		
	External high-pressure input port		
	(41~81psi)		
Oxygen conserve feature	Yes		
Ingress Protection	IP24		
Disinfection	Expiratory Valve Component with		
	high-temperature high-pressure stear		
	(temperature: 134°C)		
Materials	NO PVC		
Screen			
Screen Size:	8.4" TFT tosuch screen		
Resolution	800 × 600		
Brightness:	Adjustable		
	Typ. 1000 cd/m2		
Ventilator Specification			
Ventilation mode	P-A/C (Pressure assist/control)		
	P-SIMV (Pressure - Synchronized		
	Intermittent Mandatory		
	Ventilation)		
	CPAP/PSV,		
	DuoVent,		

APRV,

	PRVC, PRVC-SIMV	
	PSV-S/T	
	High Flow O2 Therapy	
Invasive Mode	P-A/C,P-SIMV,CPAP/PSV,DuoVent,P	
	RVC,APRV,PRVC-SIMV	
Non-invasive Mode	P-A/C,P-SIMV,CPAP/PSV,DuoVent,A	
	PRV,PSV-S/T	
Controlled parameter ra	anges	
O <sub>2</sub> %:	21 - 100% (increments of 1 %)	
TV (Tidal Volume):	20 - 2200 mL (increments of 5 mL	
	on 20ml~100ml,10ml on	
	100ml~1000ml,50ml on	
	1000ml~2200ml)	
Respiratory Rate (RR):	1 - 80 bpm (increments of 1 bpm)	
fSIMV (Ventilation	1 - 80 bpm (increments of 1 bpm)	
frequency in SIMV		
mode): I:E range: Tinsp		
(Inspiratory time): Step:	4:1~1:10	
, , , , ,	0.10 - 12 s	
	0.01s in the range of 0.10s~1.00s;	
	0.05s in the range of 1.00s~3.00s:	
	0.1s in the range of 3.00s~12.00s	
Tslope (Time of Pressure	0 - 2.00 s (increments of 0.05 s).	
Rising):	2 - 1.00 0 (o. c	
High Pressure Time	0.10 – 40.00 s	
(Thigh)]:		
Tlow (Low Pressure	0.20 – 40.00 s	
Time):		
Max inspiratory Time	1.00- 3.00 s	
(Timax):		
ΔPinsp(Inspiratory	3 - 65 cmH₂O (increments of 1	
pressure):	cmH₂O)	
ΔPsupp:	0 - 65 cmH₂O (increments of 1	



	cmH₂O)
Phigh (High Pressure	0 - 65 cmH₂O (increments of 1
Level):	cmH₂O)
Plow (Low Pressure	0 - 40 cmH₂O (increments of 1
Level):	cmH₂O)
PEEP:	0 - 40 cmH₂O (increments of 1
	cmH₂O), Off
Flow trigger	1.0 -20.0 I/min (increments of 0.1
	l/min), Off
Exp % (Expiration	5 - 80% (increments of 5%), Auto
termination/trigger	
level)	
Apnea Ventilation	
TVapnea	20 - 2200 mL(increments of 5 mL
•	on 20ml~100ml,10ml on
	100ml~1000ml,50ml on
	1000ml~2200ml)
ΔΡαρηεα	3 - 65 cmH <sub>2</sub> O (increments of 1
Zi upiicu	cmH₂O)
fapnea (Apnea	1 - 80 bpm (increments of 1 bpm)
Respiratory Rate)	1 00 bpm (merements of 1 bpm)
Apnea Tinsp	0.10 – 12.0 s
Monitoring	0.10 - 12.0 \$
Airway pressure range	Danal, Dalat Danas (Danas 20
All way pressure range	Ppeak, Pplat, Pmean (Range -20 -
DEED	85 cmH₂O)
PEEP	0 - 85 cmH2O
Tidal volume range:	0 - 9999 ml
Respiratory Rate	ftotal, fmand, fspn (Range 0 - 200 bpm)
Minute volume range	MV, MVspn, MVleak (Range 0 - 100
	L/min)
Resistance	Rinsp, Rexp (0 - 600 cmH₂O/l/s)
Compliance	Cstat, Cdyn (0 - 300 ml/cmH₂O)
Inspired Oxygen (FiO <sub>2</sub> )	0 - 100 %
RCexp (Expiratory Time	0.00 – 99.90 s
Constant)	
I:E	9.9:1 – 1:99
Tinsp	0.00 – 60.00s
PTP (Pressure time	0.0~100.0 cmH₂O*s
product)	
Waveforms	Airway pressure - time, Flow - time,
	Volume – time CO2-time
Weaning indicator	

RSBI (Rapid Shallow	0 - 999 1/(l•min)
Breathing Index)	,
<b>Special Function</b>	
Manual Breath	
Expiration Hold	
Inspiration Hold	
Nebulizer	
O2个(O2 enrichment)	
Sputum Suction	
PulmoView	
Lung Recruitment Tool	
Sustained Insufflation	
PEEPi monitoring	
Loop	Paw - Volume, Flow - Volume, Paw
•	- Flow,V-CO2
Smart Sync	IntelliSynTec
O2 consumption	
evaluation	
O2 Therapy	2-60 l/min
CO2 parameters	EtCO2,FiCO2
CO2 derived parameters	VDaw, VDaw/TVe, Vtalv, MValv,
·	slopeCO2, MVCO2, VeCO2, ViCO2
Control accuracy	
O <sub>2</sub> %	± (3 vol.% +1 % of setting)
TV	± (10 mL + 10% of the set value)
ΔPinsp	±(2cmH2O + 5% of the set value)
Δi iii3p	$\pm (201111120 \pm 5\%)$ of the Set value)
•	,
ΔPsupp	$\pm$ (2cmH2O + 5% of the set value) $\pm$ 0.1 s or $\pm$ 10 % of setting,
•	±(2cmH2O + 5% of the set value)
ΔPsupp	±(2cmH2O + 5% of the set value) ± 0.1 s or ± 10 % of setting,
ΔPsupp Tinsp	±(2cmH2O + 5% of the set value) ± 0.1 s or ± 10 % of setting, whichever is greater
ΔPsupp Tinsp	$\pm$ (2cmH2O + 5% of the set value) $\pm$ 0.1 s or $\pm$ 10 % of setting, whichever is greater 1:4~2:1: $\pm$ 10% of the set value;
ΔPsupp Tinsp	±(2cmH2O + 5% of the set value) ± 0.1 s or ± 10 % of setting, whichever is greater 1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set
ΔPsupp Tinsp I: E	±(2cmH2O + 5% of the set value) ± 0.1 s or ± 10 % of setting, whichever is greater 1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value.
ΔPsupp Tinsp I: E  f fSIMV	±(2cmH2O + 5% of the set value) ± 0.1 s or ± 10 % of setting, whichever is greater 1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value. ±1 bpm
ΔPsupp Tinsp I: E  f fSIMV Tslope (Rising Time)	±(2cmH2O + 5% of the set value) ± 0.1 s or ± 10 % of setting, whichever is greater 1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value. ±1 bpm ±1 bpm
ΔPsupp Tinsp I: E  f fSIMV Tslope (Rising Time) Phigh	±(2cmH2O + 5% of the set value)  ± 0.1 s or ± 10 % of setting, whichever is greater  1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value.  ±1 bpm  ±1 bpm  ± (0.2s + 20% of the set value)
ΔPsupp Tinsp  I: E  f fSIMV Tslope (Rising Time) Phigh Plow	±(2cmH2O + 5% of the set value)  ± 0.1 s or ± 10 % of setting, whichever is greater  1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value.  ±1 bpm  ±1 bpm  ± (0.2s + 20% of the set value)  ± (2 cmH2O + 5% of the set value)
ΔPsupp Tinsp I: E  f fSIMV Tslope (Rising Time) Phigh	±(2cmH2O + 5% of the set value) ± 0.1 s or ± 10 % of setting, whichever is greater 1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value. ±1 bpm ±1 bpm ± (0.2s + 20% of the set value) ± (2 cmH2O + 5% of the set value)
ΔPsupp Tinsp  I: E  f fSIMV Tslope (Rising Time) Phigh Plow	±(2cmH2O + 5% of the set value)  ± 0.1 s or ± 10 % of setting, whichever is greater  1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value.  ±1 bpm  ±1 bpm  ± (0.2s + 20% of the set value)  ± (2 cmH2O + 5% of the set value)  ± (2 cmH2O + 5% of the set value)  ± 0.1s or ± 10% of the set value,
ΔPsupp Tinsp  I: E  f fSIMV Tslope (Rising Time) Phigh Plow Thigh	±(2cmH2O + 5% of the set value)  ± 0.1 s or ± 10 % of setting, whichever is greater  1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value.  ±1 bpm  ± 1 bpm  ± (0.2s + 20% of the set value)  ± (2 cmH2O + 5% of the set value)  ± (2 cmH2O + 5% of the set value)  ± 0.1s or ± 10% of the set value, whichever is larger
ΔPsupp Tinsp  I: E  f fSIMV Tslope (Rising Time) Phigh Plow Thigh Tlow	±(2cmH2O + 5% of the set value)  ± 0.1 s or ± 10 % of setting, whichever is greater  1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value.  ±1 bpm  ± 1 bpm  ± (0.2s + 20% of the set value)  ± (2 cmH2O + 5% of the set value)  ± (2 cmH2O + 5% of the set value)  ± 0.1s or ± 10% of the set value, whichever is larger  ±0.1s or ± 10% of the set value,
ΔPsupp Tinsp  I: E  f fSIMV Tslope (Rising Time) Phigh Plow Thigh Tlow Flow Trigger	±(2cmH2O + 5% of the set value)  ± 0.1 s or ± 10 % of setting, whichever is greater  1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value.  ±1 bpm  ±1 bpm  ± (0.2s + 20% of the set value)  ± (2 cmH2O + 5% of the set value)  ± (2 cmH2O + 5% of the set value)  ± 0.1s or ± 10% of the set value, whichever is larger  ±0.1s or ± 10% of the set value, whichever is larger
ΔPsupp Tinsp  I: E  f fSIMV Tslope (Rising Time) Phigh Plow Thigh Tlow	±(2cmH2O + 5% of the set value)  ± 0.1 s or ± 10 % of setting, whichever is greater  1:4~2:1: ± 10% of the set value; Other range: ± 15% of the set value.  ±1 bpm  ± 1 bpm  ± (0.2s + 20% of the set value)  ± (2 cmH2O + 5% of the set value)  ± (2 cmH2O + 5% of the set value)  ± 0.1s or ± 10% of the set value, whichever is larger  ± 0.1s or ± 10% of the set value, whichever is larger  ± (1 L/min + 10% of the set value)



Fapnea (Apnea	±1bpm		0.0 cmH2O, ± (2 cmH2O + 4% of
Frequency)	τιοριτι		the actual reading).
ΔPapnea	± (2 cmH2O + 5% of the set value)	RCexp	Within the range of 0.0s∼10.0s, ± (0.2s + 20 % of the actual reading).
TVapnea	± (10 mL + 10% of the set value)		
Apnea Tinsp	±0.1s or ± 10% of the set value, whichever is larger		
<b>Monitoring Accuracy</b>		Alarm Settings	
Airway pressure (Ppeak, Pplat, Pmean, PEEP)	± (2 cmH2O + 4% of the actual reading)	Tidal Volume	Upper alarm limit $10 \text{ mL} \sim$ 3000mL,OFF
Tidal Volume (TVi, TVe, TVe spn)	±10mL or ± 10% of the actual reading, whichever is larger in the range of 0		Lower alarm limit OFF, 10 mL ~3000mL
	mL~9999 mL	Minute Volume	Upper alarm limit: 0.2 l/min ~50.0
Minute Volume (MV, MVspn, MVleak)	±10% of the actual reading or ±0.3 l/min, whichever is larger in the range of 0.0 l/min~100.0 l/min		l/min Lower alarm limit: 0.1l/min ~49.0 l/min
Frequency (ftotal, fmand, fspn) Inspired Oxygen (FiO <sub>2</sub> )	±1bpm in the range of 0bpm~200bpm ±(3vol.%+1% of the set value)in the	Airway pressure	Upper alarm limit: 5~75 cmH2O.  Lower alarm limit: OFF, 1cmH2O~74  cmH2O
inspired Oxygen (1102)	range of 0 vol.% $\sim$ 100 vol.%	Frequency (Respiratory	Upper alarm limit: 1bpm~100bpm
Insp Flow	±1.2 l/min or ± 10% of the actual reading, whichever is larger in the range	Rate)	Lower alarm limit: OFF, 1bpm ~99bpm
	of 0.0 l/min~260.0 l/min	Inspired oxygen (FiO <sub>2</sub> )	Upper alarm limit: 22 vol.%∼100 vol.%
Exp Flow	±1.2 l/min or ± 10% of the actual reading, whichever is larger in the range of 0.0 l/min~260.0 l/min		Lower alarm limit: 21 vol.% $\sim$ 99 vol.%
Resistance		Apnea alarm time	15~60s
	±10cmH2O/(L/s) in the range of 5cmH2O/(L/s)~20cmH2O/(L/s)	Other alarms	Gas supply failure, Power failure, Low battery
	±50% of the actual reading in the range	SideStream CO2 modul	e
	of	Displayed numerics	EtCO <sub>2</sub>
	20cmH2O/(L/s)~500cmH2O/(L/s)(not	Measurement Range	Comen SideStream: 0 mmHg~150 mmHg, 0%~19.7%, 0 kPa~20 kPa
	including 20 cmH2O/(L/s))		(at 760 mmHg)
	In the range of 0 cmH2O/(l/s) $\sim$ 5		Respironics Capno SideStream: 0
	cmH2O /(l/s) and 500 cmH2O/(l/s) $\sim$		mmHg~99 mmHg, 0.0 %~13.0 %,
	600 cmH2O /(l/s), the accuracy is not		0 kPa~13.2 kPa (at 760 mmHg)
	defined.		Masimo ISA Capno SideStream: 0 mmHg~190 mmHg, 0 vol% ~ 25
Compliance Within the range of 0 mL/ cmH2O ~ 300 mL/ cmH2O, ± cmH2O + 20% of the actual	-		vol% (at 760 mmHg)
	cmH2O + 20% of the actual	Measurement accuracy	Comen SideStream:
DCDI	reading).		a) Within the range of 0 mmHg $\sim$ 40 mmHg, $\pm$ 2 mmHg;
RSBI	Within the range of 0 /(min·L) $\sim$ 999 /(min·L) , ± (3 /(min·L)+15%		b) Within the range of 41 mmHg $\sim$
	of the actual reading).		70 mmHg, ± 5% of the reading;
P0.1	Within the range of -20.0 cmH2O $\sim$		c) Within the range of 71 mmHg $\sim$



100 mmHg, ± 8% of the reading; d) Within the range of 101 mmHg ~  150 mmHg, ± 10% of the reading. Respironics Capno SideStream: (Note: the gas temperature is 25°C, if respiratory rate is greater than 80 rpm, the accuracy is 12% of the reading): 0 mmHg ~ 38 mmHg: ± 2 mmHg, 39 mmHg ~ 99 mmHg: ±  10% of the actual reading. Masimo ISA Capno SideStream: CO2 accuracy	Rise time (Response time)	Masimo mainstream: < 1 s; Masimo ISA Capno sidestream: < 3s (use a 2 m sampling line)	
	(Note: the gas temperature is 25°C, if respiratory rate is greater than 80 rpm, the accuracy is 12% of the reading): 0 mmHg ~ 38 mmHg: ± 2 mmHg, 39 mmHg ~ 99 mmHg: ± 10% of the actual reading. Masimo ISA Capno SideStream: CO2 accuracy	EtCO₂ Alarm Upper Limits	Comen sidestream: (lower alarm limit + 2 mmHg) ~150 mmHg Respironics Capno sidestream: (lower alarm limit + 2 mmHg) ~99 mmHg Masimo ISA Capno sidestream: (lower alarm limit + 2 mmHg) ~ 190 mmHg
	(under the condition: $22  ^{\circ}\text{C} \pm 5  ^{\circ}\text{C}$ $1013 \pm 40  \text{hPa}$ ; gas mixture of CO2 and N2.)	EtCO₂ Alarm Lower Limits	Comen sidestream:0 mmHg ~  (upper alarm limit – 2 mmHg)  Respironics Capno sidestream: 0  mmHg ~ (upper alarm limit – 2  mmHg)  Masimo ISA Capno sidestream: 0
	a) Within the range of 0 mmHg $\sim$ 114 mmHg, $\pm$ (1.52 mmHg + 2% of the reading).		mmHg ∼ (upper alarm limit – 2 mmHg)
	b) Within the range of 114	MainStream CO <sub>2</sub> Modul	е
	mmHg ~190 mmHg, the accuracy	Displayed numerics	EtCO <sub>2</sub>
is not defined.  CO2 accuracy (under all conditions):  a) Within the range of 0  mmHg ~114 mmHg, ± (2.25  mmHg + 4% of the reading).  b) Within the range of 115  mmHg ~190 mmHg, the accuracy is not defined	CO2 accuracy (under all	EtCO <sub>2</sub> Measurement range	Comen mainstream: 0 mmHg~150 mmHg,0%~19.7%,0 kPa~20 kPa (at 760 mmHg);
	mmHg ~114 mmHg, ± (2.25		Respironics CAPNOSTAT 5: 0 mmHg $\sim$ 150 mmHg, 0% $\sim$ 19.7%, 0 kPa $\sim$ 20 kPa (at 760 mmHg);
	mmHg $\sim$ 190 mmHg, the accuracy		Masimo IRMATM mainstream: 0 mmHg $\sim$ 190 mmHg, 0 vol% $\sim$ 25 vol% (at 760 mmHg);
Waveforms	EtCO₂ - time	EtCO₂ Measurement	Comen mainstream:
Resolution		Accuracy	a) Within the range of 0mmHg~
Sampling rate and accuracy	Comen SideStream: sampling rate: 50 mL/min; sampling rate control accuracy: ± 10mL/min; Respironics Capno SideStream: sampling rate: 50 mL/min; sampling rate control accuracy: ± 10 mL/min. Masimo ISA Capno SideStream: sampling rate: 50mL/min; sampling rate control accuracy: ± 10 mL/min.		40mmHg, ± 2 mmHg; b) Within the range of 41mmHg~ 70mmHg, ± 5% of the reading; c) Within the range of 71mmHg~ 100mmHg, ± 8% of the reading; d) Within the range of 101mmHg~ 150mmHg, ± 10% of the reading. Respironics CAPNOSTAT 5 mainstream: CO2 accuracy (Note: Temperature :35°C):
System response time	Masimo mainstream: < 1 s; Masimo ISA Capno sidestream: < 3s (use a 2 m sampling line)		<ul> <li>a) Within the range of 0</li> <li>mmHg~40 mmHg, ± 2 mmHg;</li> <li>b) Within the range of 41</li> </ul>



mmHg~70 mmHg, ± 5% of the reading; c) Within the range of 71 mmHg × 100 mmHg, ± 18% of the reading; d) Within the range of 101 mmHg × 150 mmHg, ± 10% of the reading; d) Within the range of 101 mmHg × 150 mmHg, ± 10% of the reading; Masimo IRMATM mainstream: CO2 accuracy (under the condition: 27°C ± 5°C 1013 ± 40 hPa; gas mixture of CO2 and N2.); a) Within the range of 0 mmHg ~ 144 mmHg, ± (1.57 mmHg + 27% of the reading); b) Within the range of 0 mmHg ~ 150 mmHg + 200 mmHg ~ 120 mmHg ~ 150				
c) Within the range of 71 mmHg~100 mmHg, ± 8% of the reading; d) Within the range of 101 mmHg ~150 mmHg, ± 10% of the reading, Masimo sp02: 1%~00% mmHg~150 mmHg, ± 10% of the reading, Masimo sp02: 9%~100% Molitor sp02: Within the range of 70%~10%, Adult/Pediatric measurement accuracy is ±2% (during non-motion state), Within the range of 0 mmHg~ 114 mmHg, ± (1.52 mmHg + 2% of the reading); b) Within the range of 0 mmHg~ 114 mmHg, ± 10.52 mmHg + 2% of the reading); b) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined;  Resolution  Resol		mmHg $\sim$ 70 mmHg, $\pm$ 5% of the	Display	Pulse rate (PR)
mmHg~100 mmHg, ± 8% of the reading;  d) Within the range of 101 mmHg ~ 150 mmHg, ± 10% of the reading, Masimo in MAMTM mainstream: CO2 accuracy (under the condition: 22°C ± 5°C 1013 ± 40 hPa; gas mixture of CO2 and N2]: a) Within the range of 0 mmHg ~ 114 mmHg, ± (1.52 mmHg + 2% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined.  CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg, ± (1.52 mmHg + 3% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined. CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined.  Resolution  Resolution  Resolution  Resolution  Resolution  Resolution  Resolution  Resolution  Resolution  Comen mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg Masimo iRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg Masimo iRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg Masimo iRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg Masimo iRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  ETCO, Alarm Lower  Limits  mmHg ~ 120 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo iRMATM mainstream: 0		reading;		waveform/parameter, SpO2
reading; d) Within the range of 101 mmHg ~150 mmHg, ± 10% of the reading, Masimo IRMATM mainstream: CO2 accuracy (under the condition: 22°C ± 5°C 1013 ± 40 hPa; gas mixture of CO2 and N2.): a) Within the range of 0 mmHg ~ 114 mmHg, ± (1.52 mmHg + 2% of the reading); b) Within the range of 0 mmHg ~ 114 mmHg, ± (1.52 mmHg + 2% of the reading); b) Within the range of 114 mmHg, ± (1.25 mmHg + 2% of the reading); b) Within the range of 114 mmHg, ± (2.75 mmHg + 2% of the reading); b) Within the range of 114 mmHg, ± (2.75 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 114 mmHg, ± (2.75 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 114 mmHg, ± (2.75 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 115 mmHg, ± (2.75 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 116 mmHg, ± (2.75 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 116 mmHg, ± (2.75 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 117 mmHg, ± (2.75 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 118 mmHg ~190 mmHg, the accuracy is not defined.  Resolution  Resolution  Resolution  Resolution  Resolution  Waveforms  EtCO, - time, V - CO, come mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg Respironics CAPNOSTAT 5 mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit + 2 mmHg) ~ 150 mmHg Respironics CAPNOSTAT 5 mainstream: 0 mmHg ~ (upper alarm limit + 2 mmHg) ~ 150 mmHg Respironics CAPNOSTAT 5 mainstream: 0 mmHg ~ (upper alarm limit + 2 mmHg) ~ 150 mmHg Respironics CAPNOSTAT 5 mainstream: 0 mmHg ~ (upper alarm limit + 2 mmHg) ~ 150 mmHg Respironics CAPNOSTAT 5 mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Na		c) Within the range of 71	SpO2 measurement	Nellcor SpO2: 0%∼100%
d) Within the range of 101 mmHg ~ 150 mmHg, ± 10% of the reading, Masimo IRMATM mainstream: CO2 accuracy (under the condition: 22°C± 5°C 1013 ± 40 hPa; gas mixture of CO2 and N2.): a) Within the range of 0 mmHg ~ 114 mmHg, ± 1.52 mmHg + 2% of the reading); b) Within the range of 0114 mmHg ~ 190 mmHg, the accuracy is not defined; CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg, ± 1.2.55 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 114 mmHg, ± 1.2.55 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined; CO2 accuracy (under all conditions): a) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined; CO3 accuracy (within the range of 0 mmHg ~ 114 mmHg, ± 1.2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined;  Resolution		mmHg $\sim$ 100 mmHg, $\pm$ 8% of the	range	Masimo SpO2: 1%∼100%
mmHg ~ 150 mmHg, ± 10% of the reading, Masimo m RMATM mainstream: CO2 accuracy (under the condition: 22°C ± 5°C 1013 ± 40 hPa; gas mixture of CO2 and N2.): a) Within the range of 0 mmHg ~ defined.  114 mmHg, ± 1.52 mmHg + 2% of the reading); b) Within the range of 0ff mediant conditions: 22°M (during non-motion state); Within the range of 114 mmHg, ± 1.52 mmHg ~ 190 mmHg, the accuracy is not defined; CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 14 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 0ff mediant conditions): a) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined;  Resolution  Resolution  Resolution  Resolution  Resolution  Resolution  Resolution  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> process the measurement accuracy is not defined;  PR measurement range  EtCO <sub>2</sub> - time, V - CO <sub>3</sub> process the measurement accuracy is not defined.  Resolution  Resolution  PR measurement range  EtCO <sub>2</sub> - time, V - CO <sub>3</sub> process the measurement range of 0ff measurement accuracy is not defined.  Resolution  Resolution  PR measurement range  EtCO <sub>2</sub> - time, V - CO <sub>3</sub> process the measurement range of 0ff measurement accuracy is not defined.  Resolution  PR measurement range  EtCO <sub>2</sub> - time, V - CO <sub>3</sub> process the measurement range of 0ff measurement accuracy is not defined.  Resolution  PR measurement range  EtCO <sub>2</sub> - time, V - CO <sub>3</sub> process the measurement range of 0ff measurement range of 0ff measurement accuracy is not defined.  Resolution  EtCO <sub>2</sub> - time, V - CO <sub>3</sub> process the measurement range of 0ff measurement range		reading;		Comen SpO2: 0%∼100%
reading. Masimo IRMATM mainstream: CO2 accuracy (under the condition: 22°C ± 5°C 1013 ± 40 hPa; gas mixture of CO2 and N2.): a) Within the range of 0 mmHg ~ 114 mmHg. ± (1.52 mmHg + 2% of the reading); b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined; cO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg + 2% of the reading); b) Within the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg. ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg. 2 + 190 mmHg, the accuracy is not defined; cO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg. 2 + 190 mmHg, the accuracy is not defined; cO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg + 4% of the reading); b) Within the range of 10 mmHg ~ 114 mmHg. ± (2.25 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg + 4% of the reading); b) Within the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4% of the range of 0 mmHg ~ 114 mmHg. ± (2.25 mmHg) + 4%		d) Within the range of 101	SpO2 accuracy	Nellcor SpO2: Within the range of
mainstream: CO2 accuracy (under the condition: 22°C ± 5°C 1013 ± 40 hPa; gas mixture of CO2 and N2.): a) Within the range of 0 mmHg ~ defined: 114 mmHg, ± (1.52 mmHg + 2% of the reading); b) Within the range of of 114 mmHg ~ 190 mmHg, the accuracy is not defined; CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ (during mon-motion state); within the range of of 114 mmHg, ± (2.25 mmHg) + 4% of the reading); b) Within the range of 0 mmHg ~ (upper alarm limit + 2 mmHg) ~ 150 mmHg  Resolution  EtCO2 Alarm Lower Comen mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg  EtCO2 Alarm Lower Comen mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo IRMATM mainstream: 0 mmHg ~ (u		mmHg $\sim$ 150 mmHg, $\pm$ 10% of the		70%~100%, Adult/Pediatric
the condition: 22°C ± 5°C 1013 ± 40 hPa; gas mixture of CO2 and N2.): a) Within the range of O mmHg		reading. Masimo IRMATM		measurement accuracy is ±2%
hPa; gas mixture of CO2 and N2.): a) Within the range of 0 mmHg ~ 114 mmHg, ± (1.52 mmHg + 2% of the reading); b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined,  CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined;  b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined.  CO2 accuracy (under all conditions): a) Within the range of 1 mmHg ~ in the range of 1 mmHg ~ in the reading): b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined;  Resolution  Re		mainstream: CO2 accuracy (under		(during non-motion state); Within
hPa; gas mixture of CO2 and N2.]:   a) Within the range of 0 mmHg ~ 10 mmHg ~ 190 mmHg, the accuracy is not defined.   Masimo SpO2: Within the range of 114 mmHg, ± 10.52 mmHg + 2% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined;   CO2 accuracy (under all conditions):   a) Within the range of 0 mmHg ~ 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined.   Comen spo2: Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined.   Comen spo2: Within the range of 10 mmHg ~ (during non-motion state); Within the range of 0 mmHg ~ 100 mmHg ~ 100 mmHg   Masimo SpO2: 20 bpm ~ 300 bpm   Masimo SpO2: 20 bpm ~ 300 bpm   Masimo SpO2: 25 bpm ~ 240 bpm   Comen spo2: 20 bpm ~ 300 bpm   Masimo SpO2: 25 bpm ~ 240 bpm   Comen spO2: 20 bpm ~ 300 bpm   Masimo SpO2: 25 bpm ~ 250 bpm   Masimo SpO2: 250 bpm ~ 350 bpm   Masim		the condition: $22^{\circ}\text{C} \pm 5^{\circ}\text{C} 1013 \pm 40$		the range of $0\%$ $\sim$ 69%,
a) Within the range of 0 mmHg ~ defined.  114 mmHg, ± (1.52 mmHg + 2% of the reading); b) Within the range of 0 mowney of 114 mmHg ~ 190 mmHg, the accuracy is not defined;  CO2 accuracy (under all conditions):  a) Within the range of 0 mmHg ~ during motion state); Within the range of 15 move fermed measurement accuracy is 22% (during motion state); Within the range of 15 move fermed measurement accuracy is 22% (during motion state); Within the range of 15 move fermed measurement accuracy is not defined.  CO2 accuracy (under all conditions):  a) Within the range of 0 mmHg ~ defined.  COmen SpO2: Within the range of 15 measurement accuracy is not defined.  Comen SpO2: Within the range of 15 measurement accuracy is not defined.  Comen SpO2: Within the range of 15 measurement accuracy is not defined.  Comen SpO2: Within the range of 15 measurement accuracy is not defined.  Comen SpO2: Within the range of 15 measurement accuracy is not defined.  Comen SpO2: Within the range of 15 measurement accuracy is not defined.  Comen SpO2: Within the range of 15 measurement accuracy is not defined.  Comen SpO2: Within the range of 15 measurement accuracy is not defined.  Resolution  Resolution  Resolution  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> EtCO <sub>2</sub> Alarm Upper  EtCO <sub>2</sub> Alarm Upper  Limits  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> Respironics CAPNOSTAT 5 mainstream: (lower alarm limit + 2 mmHg) mainstream: (lower alarm limit + 2 mmHg) mainstream: (lower alarm limit + 2 mmHg) measurement accuracy is not defined.  EtCO <sub>2</sub> Alarm Lower  Limits  Respironics CAPNOSTAT 5 mainstream: 0 mmHg ~ lower alarm limit - 2 mmHg)  Respironics CAPNOSTAT 5 mainstream: 0 mmHg ~ lower alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ lower alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ lower alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ lower alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ lower alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ lower alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ lower alarm lim		hPa; gas mixture of CO2 and N2.):		_
114 mmHg, ± (1.52 mmHg + 2% of the reading); b) Within the range of of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined; (during montion state); ±3% (during motion state); within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined; during mon-motion state); within the range of 0%~69%, the measurement accuracy is 2% (during motion motion state); within the range of 10%~69%, the measurement accuracy is 2% (during motion state); within the range of 0%~69%, the measurement accuracy is 2% (during motion state); within the range of 0%~69%, the measurement accuracy is 2% (during motion state); within the range of 10%~69%, the measurement accuracy is 2% (during motion state); within the range of 10%~69%, the measurement accuracy is 2% (during motion state); within the range of 10%~69%, the measurement accuracy is 20% (during motion state); within the range of 10%~69%, the measurement accuracy is 20% (during motion state); within the range of 10%~69%, the measurement accuracy is 20% (during motion state); within the range of 10%~69%, the measurement accuracy is 20% (during motion state); within the range of 10%~69%, the measurement ran		a) Within the range of 0 mmHg $\sim$		·
of the reading); b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined;  CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg > 190 mmHg, the accuracy is not defined;  Resolution  Resolution  Resolution  Resolution  Respironics CAPNOSTAT 5 mainstream: (lower alarm limit + 2 mmHg) ~150 mmHg  Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg  EECO <sub>2</sub> Alarm Lower (lower alarm limit + 2 mmHg) ~ 190 mmHg  Respironics CAPNOSTAT 5 mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg  Masimo IRMATM mainstream: (lower alarm limit - 2 mmHg)  Respironics CAPNOSTAT 5 mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmH		114 mmHg, ± (1.52 mmHg + 2%		
of 114 mmHg ~190 mmHg, the accuracy is not defined; CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined; Comen SpO2: Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is not defined.  Comen SpO2: Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is 22% (during non-motion state); Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is 22% (during non-motion state); Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is 22% (during non-motion state); Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is 22% (during non-motion state); Within the range of 70%~69%, the measurement accuracy is 22% (during non-motion state); Within the range of 70%~69%, the measurement accuracy is 22% (during non-motion state); Within the range of 70%~69%, the measurement accuracy is 22% (during non-motion state); Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is 22% (during non-motion state); Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is 22% (during non-motion state); Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is 22% (during non-motion state); Within the range of 70%~100%, Adult/ Pediatric measurement accuracy is not defined.  PR measurement range  Masimo SpO2: resolution: 1 bpm Masimo SpO2: resolution: 1 bpm Nellcor SpO2: 20 bpm~250 bpm: The measurement accuracy is not defined.  PR measurement accuracy  Masimo SpO2: resolution: 1 bpm Nellcor SpO2: 20 bpm~250 bpm: measurement accuracy is not defined.  PR measurement accuracy  Masimo SpO2: resolution: 1 bpm Nellcor SpO2: 20 bpm~250 bpm: measurement accuracy is not defined.  PR measurement accuracy  Masimo SpO2: resolution: 1 bpm Nellcor SpO2: 10 bpm Nellcor		of the reading); b) Within the range		· -
mmHg ~190 mmHg, the accuracy is not defined; (during non-motion state), ±3% (during motion state), ±3%		of 114		
is not defined;  CO2 accuracy (under all conditions):  a) Within the range of 0 mmHg ~ defined.  114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined;  Resolution  Resolution  Resolution  Resolution  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> Ilimits  PR measurement range  EtCO <sub>2</sub> Alarm Upper  Limits  EtCO <sub>2</sub> - time, V - CO <sub>3</sub> Respironics CAPNOSTAT 5 mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg  Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg  EtCO <sub>2</sub> Alarm Lower  Limits  EtCO <sub>3</sub> alarm lower  Limits  EtCO <sub>4</sub> alarm lower  Limits  EtCO <sub>4</sub> alarm lower  Limits  EtCO <sub>5</sub> alarm lower  Limits  EtCO <sub>6</sub> alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0 mmHg ~ defined.  Comen spo2: resolution: 1 bpm  Comen s		mmHg $\sim$ 190 mmHg, the accuracy		·
CO2 accuracy (under all conditions): a) Within the range of 0 mmHg ~ 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined.  Resolution  Resolution  Waveforms  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> EtCO <sub>2</sub> Alarm Upper  Limits    limit + 2 mmHg) ~ 150 mmHg		is not defined;		, ,
conditions): a) Within the range of 0 mmHg ~ defined. 114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~ 190 mmHg, the accuracy is not defined; b) Within the range of 114 mmHg ~ 190 mmHg. the accuracy is not defined;  Resolution  Waveforms  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> EtCO <sub>2</sub> Alarm Upper Limits    Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Ma		CO2 accuracy (under all		
a) Within the range of 0 mmHg ~  114 mmHg, ± (2.25 mmHg + 4% of the reading); b) Within the range of 114 mmHg ~190 mmHg, the accuracy is 12% (during non-motion state); Within the range of 10 mmHg ~190 mmHg, the accuracy is not defined;  Resolution  Resolution  Resolution  Resolution  EtCO2 - time, V - CO2 EtCO2 Alarm Upper  Limits  Ilimit + 2 mmHg) ~150 mmHg		conditions):		_
114 mmHg, ± (2.25 mmHg + 4% of the reading);   70%~100%, Adult/ Pediatric measurement accuracy is ±2% (during non-motion state); Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined;   14 mmHg ~190 mmHg, the accuracy is not defined;   15 mmHg ~150 mmHg   15 mmHg ~150 mmHg   15 mmHg ~150 mmHg   16 mmHg ~150 mmHg ~150 mmHg   16 mmHg ~150 mmHg ~150 mmHg   16 mmHg ~150 m		a) Within the range of 0 mmHg $\sim$		•
of the reading); b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined;  Waveforms  EtCO2 - time, V - CO2  EtCO2 Alarm Upper Limits    mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   (uppe		114 mmHg, ± (2.25 mmHg + 4%		
b) Within the range of 114 mmHg ~190 mmHg, the accuracy is not defined;  Resolution  Waveforms  EtCO2 - time, V - CO2  EtCO2 Alarm Upper  Limits    limit + 2 mmHg) ~150 mmHg		of the reading);		
mmHg ~190 mmHg, the accuracy is not defined;  Resolution  Waveforms  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> EtCO <sub>2</sub> Alarm Upper  Limits		b) Within the range of 114		
is not defined;  Resolution  Waveforms  EtCO2 - time, V - CO2  EtCO2 Alarm Upper  Limits    Imit + 2 mmHg) ~ 150 mmHg   Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg   EtCO2 Alarm Lower Limits    EtCO2 Alarm Lower Limits   Imit + 2 mmHg) ~ 150 mmHg   Asimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)   Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mm		mmHg $\sim$ 190 mmHg, the accuracy		•
Resolution  Waveforms  EtCO2 - time, V - CO2  EtCO2 Alarm Upper  Limits    Imit + 2 mmHg) ~ 150 mmHg   Respironics CAPNOSTAT 5 mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg   Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg   Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg   Limits  EtCO2 Alarm Lower Limits    Limits		is not defined;		· -
Resolution  Waveforms  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> EtCO <sub>2</sub> Alarm Upper  Limits    limit + 2 mmHg) ~ 150 mmHg				_
Waveforms  EtCO <sub>2</sub> - time, V - CO <sub>2</sub> EtCO <sub>2</sub> Alarm Upper  Comen mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg  Masimo SpO2: 25 bpm~240 bpm Comen SpO2: 20 bpm~300 bpm Masimo SpO2: 25 bpm~240 bpm Comen SpO2: 20 bpm~300 bpm Masimo SpO2: 25 bpm~240 bpm Comen SpO2: 20 bpm~300 bpm Mellcor SpO2: 20 bpm~300 bpm Mellcor SpO2: resolution: 1 bpm Masimo SpO2: resolution: 1 bpm Comen SpO2: resolution: 1 bpm Masimo SpO2: resolution: 1 bpm Masimo SpO2: resolution: 1 bpm Mellcor SpO2: 20 bpm~250 bpm: the measurement error should be ±3 bpm; 251~300 bpm: measurement accuracy is not defined.  EtCO <sub>2</sub> Alarm Lower  Limits  EtCO <sub>2</sub> Alarm Lower  Limits  Comen mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo IRMATM mainstream: 0 mmHg~ (upper alarm limit - 2 mmHg) (during mon-motion state) and ±5 bpm (during mon-motion state) and ±5 bpm (during motion state) Comen SpO2: the measurement error should be ±2 bpm Mellcor SpO2: / (Note: Nellcor SpO2)				
EtCO <sub>2</sub> Alarm Upper  Limits    Comen mainstream: (lower alarm limit + 2 mmHg) ~ 150 mmHg   Masimo SpO2: 25 bpm~240 bpm	Resolution			
Limits   limit + 2 mmHg) ~150 mmHg   Respironics CAPNOSTAT 5   PR measurement   Masimo SpO2: resolution: 1 bpm   Masimo SpO2: resolution: 1 bpm   Nellcor SpO2: 20 bpm~250 bpm:   the measurement   the measurement   the measurement   the measurement   accuracy   s not   defined.   Masimo SpO2: the measurement   defined.   Masimo SpO2: the measurement   error should be ±3 bpm (during   non-motion state)   and ±5 bpm   (during motion state)   mmHg ~ (upper alarm limit - 2 mmHg)   (during motion state)   mmHg ~ (upper alarm limit - 2 mmHg)   Nellcor SpO2: / (Note: Nellcor SpO2)	Waveforms	EtCO <sub>2</sub> - time, V - CO <sub>2</sub>	PR measurement range	
Respironics CAPNOSTAT 5 Respir	EtCO₂ Alarm Upper	Comen mainstream: (lower alarm		
mainstream: (lower alarm limit +2mmHg) ~150 mmHg  Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~  190 mmHg  EtCO <sub>2</sub> Alarm Lower  Limits  EtCO <sub>2</sub> Alarm Lower  Limits  Comen SpO2: resolution: 1 bpm  Nellcor SpO2: 20 bpm~250 bpm: the measurement error should be  ±3 bpm; 251~300 bpm: measurement accuracy is not defined.  Masimo SpO2: resolution: 1 bpm  Nellcor SpO2: 20 bpm~250 bpm: the measurement error should be  ±3 bpm; 251~300 bpm: measurement accuracy is not defined.  Masimo SpO2: resolution: 1 bpm  Nellcor SpO2: 20 bpm~250 bpm: the measurement error should be  ±3 bpm; 251~300 bpm: measurement accuracy is not defined.  Masimo SpO2: the measurement error should be ±3 bpm (during non-motion state) and ±5 bpm (during motion state) Comen SpO2: the measurement error should be ±2 bpm Nellcor SpO2: / (Note: Nellcor SpO2)	Limits	limit + 2 mmHg) $\sim$ 150 mmHg		, , , ,
Hainstream: (lower alarm limit +2mmHg) ~150 mmHg  Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~ 190 mmHg  EtCO <sub>2</sub> Alarm Lower  Limits  EtCO <sub>2</sub> Alarm Lower  Limits  Comen SpO2: resolution: 1 bpm  Nellcor SpO2: 20 bpm~250 bpm: the measurement error should be ±3 bpm; 251~300 bpm: measurement accuracy is not defined.  Masimo SpO2: the measurement error should be ±3 bpm (during non-motion state) and ±5 bpm (during motion state) and ±5 bpm  (during motion state)  Comen SpO2: resolution: 1 bpm  Nellcor SpO2: 20 bpm~250 bpm: the measurement error should be ±3 bpm; 251~300 bpm: measurement accuracy is not defined.  Masimo SpO2: the measurement error should be ±3 bpm (during non-motion state) and ±5 bpm (during motion state) and ±5 bpm (during motion state)  Comen SpO2: the measurement error should be ±2 bpm  Nellcor SpO2: / (Note: Nellcor SpO2)		Respironics CAPNOSTAT 5	PR measurement	
Masimo IRMATM mainstream: (lower alarm limit + 2 mmHg) ~  190 mmHg  EtCO <sub>2</sub> Alarm Lower Limits  Comen mainstream: 0 mmHg ~  (upper alarm limit - 2 mmHg) Respironics CAPNOSTAT 5 mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg) Masimo IRMATM mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Nellcor SpO2: 20 bpm ~ 250 bpm: the measurement error should be ±3 bpm; 251~300 bpm: measurement accuracy is not defined. Masimo SpO2: the measurement error should be ±3 bpm (during non-motion state) and ±5 bpm (during motion state) Comen SpO2: the measurement error should be ±2 bpm Nellcor SpO2: / (Note: Nellcor SpO2		mainstream: (lower alarm limit	resolution	·
Comen mainstream: (lower alarm limit + 2 mmHg) \rightarrow   190 mmHg   23 bpm; 251~300 bpm:   23 bpm; 251~300 bpm:   23 bpm; 251~300 bpm:   24 bpm; 251~300 bpm:   25 bpm; 251~300 bpm:   25 bpm; 251~300 bpm:   25 bpm; 251~300 bpm:   26 bpm; 26		+2mmHg) $\sim$ 150 mmHg		
timits  EtCO <sub>2</sub> Alarm Lower  Comen mainstream: 0 mmHg ~  Limits  (upper alarm limit - 2 mmHg)  Respironics CAPNOSTAT 5  mainstream: 0 mmHg~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0  mmHg~ (upper alarm limit - 2  mmHg)  Masimo SpO2: the measurement error should be ±3 bpm (during non-motion state) and ±5 bpm (during motion state)  Comen SpO2: the measurement error should be ±2 bpm  Nellcor SpO2: / (Note: Nellcor SpO2		Masimo IRMATM mainstream:	PR measurement	·
EtCO <sub>2</sub> Alarm Lower  Limits  Comen mainstream: 0 mmHg ~ defined.  (upper alarm limit - 2 mmHg)  Respironics CAPNOSTAT 5  mainstream: 0 mmHg~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0  mmHg~ (upper alarm limit - 2  mmHg)  Masimo IRMATM mainstream: 0  mmHg~ (upper alarm limit - 2  mmHg)  Mellcor SpO2: / (Note: Nellcor SpO2		(lower alarm limit + 2 mmHg) $\sim$	accuracy	
EtCO <sub>2</sub> Alarm Lower  Limits  (upper alarm limit - 2 mmHg)  Respironics CAPNOSTAT 5  mainstream: 0 mmHg~ (upper alarm limit - 2 mmHg)  Masimo SpO2: the measurement error should be ±3 bpm (during non-motion state) and ±5 bpm (during motion state)  Comen SpO2: the measurement error should be ±2 bpm  Mellcor SpO2: / (Note: Nellcor SpO2)		190 mmHg	·	• •
Limits  (upper alarm limit - 2 mmHg)  Respironics CAPNOSTAT 5  mainstream: 0 mmHg~ (upper alarm limit - 2 mmHg)  Masimo SpO2: the measurement error should be ±3 bpm (during non-motion state) and ±5 bpm (during motion state)  Comen SpO2: the measurement error should be ±2 bpm  mmHg)  Nellcor SpO2: / (Note: Nellcor SpO2	EtCO₂ Alarm Lower	Comen mainstream: 0 mmHg $\sim$		•
Respironics CAPNOSTAT 5  mainstream: 0 mmHg~ (upper alarm limit - 2 mmHg)  Masimo SpO2: the measurement error should be ±3 bpm (during non-motion state) and ±5 bpm (during motion state)  Comen SpO2: the measurement error should be ±2 bpm  Mellcor SpO2: / (Note: Nellcor SpO2		(upper alarm limit - 2 mmHg)		
mainstream: 0 mmHg ~ (upper alarm limit - 2 mmHg)  Masimo IRMATM mainstream: 0  mmHg ~ (upper alarm limit - 2  mmHg)  mmHg)  non-motion state) and ±5 bpm  (during motion state)  Comen SpO2: the measurement error should be ±2 bpm  Nellcor SpO2: / (Note: Nellcor SpO2		Respironics CAPNOSTAT 5		·
Masimo IRMATM mainstream: 0 (during motion state)  mmHg~ (upper alarm limit - 2 Comen SpO2: the measurement error should be ±2 bpm  mmHg) Nellcor SpO2: / (Note: Nellcor SpO2		mainstream: 0 mmHg $\sim$ (upper		
mmHg~ (upper alarm limit - 2  mmHg)  Comen SpO2: the measurement error should be ±2 bpm  Nellcor SpO2: / (Note: Nellcor SpO2		alarm limit - 2 mmHg)		
mmHg)  error should be ±2 bpm  Nellcor SpO2: / (Note: Nellcor SpO2		Masimo IRMATM mainstream: 0		
Nellcor SpO2: / (Note: Nellcor SpO2		mmHg∼ (upper alarm limit - 2		•
		mmHg)		·
SpO <sub>2</sub> module: Perrusion index range	CnO madula:		Doublesian in day	Nellcor SpO2: / (Note: Nellcor SpO2
	SpO₂ module:		retrusion index range	



	module has no perfusion index.)  Masimo SpO2: 0.02%~20%, the accuracy is not defined.  Comen SpO2: 0.05%~20%, the accuracy is not defined.	Event logs	Up to 2000 event logs can be saved, including alarm logs and operation logs. The alarm log includes parameter alarm events and parameter waveforms related
Data update period	≤ 2 s		to the alarm time.
Signal Quality Index (SIQ) indication function	Masimo SpO2 and Comen SpO2 should come with SIQ indication function	Freeze the waveform review	Freeze the waveform of the interface at the current time and use the knob to review the data.  When freezing, 30 most recent
Regulatory compliance	should conform to the requirements of YY0784-2010		historical waveforms can be reviewed by sliding the screen or
Upper SpO2 alarm limit	Nellcor SpO2: (Lower alarm limit +1%)~100%		rotating the knob.  Up to 7 reference loops can be
	Masimo SpO2: (Lower alarm limit +1%)~100%	Freeze the loop review	saved.
	Comen SpO2: (Lower alarm limit	O <sub>2</sub> Therapy	
Lower SpO2 alarm limit	+1%)~100% Nellcor SpO2: 20%~(Upper alarm	O <sub>2</sub> %	21 - 100 % (increments of 1 %) ± (3 vol.% +1 % of setting)
·	limit -1%)  Masimo SpO2: 1%~(Upper alarm limit -1%)  Comen SpO2: 0%~(Upper alarm limit -1%)	Flow	1 - 100 L/min ± (2 L/min +10 % of setting) (BTPS)
		Gas Circuit Specification	1
		Gas type	02
		Gas source requirement	Medical compressed oxygen
Upper PR alarm limit	Nellcor SpO2: (Lower alarm limit +1 bpm) $\sim$ 300 bpm	High-pressure O2 source	9
	Masimo SpO2: (Lower alarm limit +1 bpm)∼240 bpm	Gas source pressure range	280∼600 kPa
	Comen SpO2: (Lower alarm limit +1 bpm)∼254 bpm	Rated flow rate requirement	Maximum of 200 l/min (STPD)
Lower PR alarm limit	Nellcor SpO2: 25bpm∼(Upper alarm limit -1bpm)	Input connector	NIST (ISO 5356-1) or DISS (CGA 1240)
	Masimo SpO2: 25bpm~(Upper alarm limit -1bpm) Comen SpO2: 20bpm~(Upper	Standards compliant	YY/T 0799-2010 EN ISO5359:2008
		Low-pressure O2 source	
	alarm limit -1bpm)	Input pressure range	< 100 kPa
Trend		Maximum flow rate	15 l/min
Туре	Tabular, Graphic	Input connector	CPC quick coupling
Length	72 hours	Inspiratory module	
Content	Monitor Parameters, Setting	Peak flow rate	260 I/min
Content	Parameters (Setting Ventilation mode and Parameters) includes parameter alarm events and	Nebulizer connector	260 l/min
		Inspiratory-side external	Flow rate: 4 I/min~9 I/min  Coaxial 22 mm/15 mm conical
		connector	connector
	parameter waveforms related to	Regulatory compliance	
	the alarm time		YY1040.1-2003
Data Review			EN ISO5356-1:2004



Expiratory module		Environmental specific	ations
Expiratory-side external connector	Coaxial 22 mm/15 mm conical	Temperature	-18 - 50 °C (operating); -30 to 70 °C (storage and transport)
Removable, sterilizable	connector can be entirety removed quickly;	Relative Humidity	5 - 95 % (operating); 5 - 95 % (storage and transport)
	and can be entirety cleaned and disinfected.	Barometric Pressure	59 - 110 kPa (operating); 59 -110 kPa (storage and transport)
Regulatory compliance	YY1040.1-2003 EN ISO5356-1:2004	Power Specification  External AC power supp	oly
System compliance and	I resistance	Input voltage	100 - 240 V
Compliance	Two-limb circuit; with reusable	Input frequency	50/60 Hz
	adult circuit breathing tube:	Input current	1.8A~0.75A
	≤2mL/cmH2O	Power consumption	50VA typical, 180VA maximum
	Two-limb circuit, with reusable	External DC power supp	oly
	pediatric breathing tube:	Input voltage Input	12-30.3 V
	≤2mL/cmH2O	current	12.5-4.95 A
	Two-limb circuit, with reusable	Internal battery	
	infant breathing tube:≤2mL/cmH20	Number of batteries	One or Two
	Coaxial circuit, with adult/pediatric	Battery type	Build-in Lithium-ion battery, 10.8V,
	disposable breathing		6600mAh
Inspiratory resistance	tube:≤2mL/cmH₂0 ≤ 6 cmH2O at the flow rate of 60	Battery life	280min (when a new fully charged
mspiratory resistance	L/min (Adult);		battery is used in typical operating
	≤ 6 cmH2O at the flow rate of 30		mode)
	L/min (Pediatric);		560min (when two new fully
	≤ 6 cmH2O at the flow rate of 5		charged batteries are used in
	L/min (Infant).		typical operating mode)
Expiratory resistance	≤ 6 cmH2O at the flow rate of 60	Charging time	Less than 6 hours
	L/min (Adult);	Other	Automatic switch from AC power electric-line mode to battery
	≤ 6 cmH2O at the flow rate of 30		operating mode and vice versa.
	L/min (Pediatric);		
	≤ 6 cmH2O at the flow rate of 5	1/0	
	L/min (Infant).	interface	Ethernet, USB port
		*Notice: Specificat	ions subject to changes without prior

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