





SV300 Ventilator

AMV (Adaptive Minute Ventilation) NIV (Non-invasive Ventilation) Apnea Ventilation Controlled Parameters O ₂ % 21 - 100% (increments of 1 %) Adult: 100 - 2000 mL (increments of 10 mL) Pediatric: 20 - 300 mL (increments of 1 mL) MV% 25% to 350% f (Ventilation frequency) 1 - 100 bpm (increments of 1 bpm) SIMV (Ventilation frequency) 1 - 60 bpm (increments of 1 bpm) Et range 4:1 - 1:10 (increments of 1.5) Tinsp (Inspiratory time) 0.20 - 10 s (increments of 0.05 s) Tilope (Time of Pressure Rising) 0 - 2.00 s (increments of 0.05 s) Tilope (Time of Pressure Rising) 0 - 2.03 s (increments of 0.1 s) Tilow 0.2 - 30 s (increments of 0.1 s) Tipause 5% - 60% (increments of 5%), Off APinsp 5 - 80 cmH ₃ O (increments of 1 cmH ₃ O) APsupp 0 - 80 cmH ₃ O (increments of 1 cmH ₃ O) Plow 0 - 45 cmH ₃ O (increments of 1 cmH ₃ O) PEEP 1 - 45 cmH ₃ O (increments of 1 cmH ₃ O) PEEP 1 - 45 cmH ₃ O (increments of 1 cmH ₂ O), Off Pressure trigger 0.5 - 15 L/min (increments of 0.5 mH ₂ O), Off Pressure trigger - 10 to - 0.5 cmH ₃ O (increments of 0.5 mH ₂ O), Off Exp % (Expiration termination level) 10 - 85% (increments of 5%), Auto Appea Ventilation	Physical Specification		
Display Size 12.1 Color active matrix TFT touch	Dimensions	354 mm*315 mm*249 mm (Excluding the trolley)	
Display Size 12.1 Color active matrix TFT touch Display Resolution (H) x (V) 1280*800 pixels Brightness Adjustable Ventilation Specifications Patient Type Adults, children, infants (body weight of at least 3 kg) V-A/C (Volume assist/control) P-A/C (Pressure Release Ventilation) P-A/C (Pressure Release Ventilation) P-A/C (Pressure Requised Volume Control) P-A/C	Weight	Approximately 10 kg (Excluding the trolley)	
Display Resolution (H) x (V) 1280*800 pixels Brightness Adjustable Ventilation Specifications Patient Type Adults, children, infants (body weight of at least 3 kg) Adults, children, infants (body weight of at least 3 kg) Adults, children, infants (body weight of at least 3 kg) Adults, children, infants (body weight of at least 3 kg) Ava (C (Vensure assist/control) P-AVC (Volume assist/control) P-AVC (Pressure assist/control) P-AVC (Pressure assist/control) P-AVC (Pressure sustence) P-AVC (Pressure Resident intermittent Mandatory Ventilation) P-AVC (Pressure Support Ventilation) P-AVC (Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ventilation) P-AVC (Alivary Pressure Single Control Pressure Single Control Pressure Single Control Pressure Single Control Pressure Risingle Control Risingle Risingle Risingle Risingle Risingle Risingle	Screen		
Brightness Adjustable Ventilation Specifications Adults, children, infants (body weight of at least 3 kg) Partient Type Adults, children, infants (body weight of at least 3 kg) PARC (Pressure assist/control) P-ARC (Pressure assist/control) P-SIMV (Volume – Synchronized Intermittent Mandatory Ventilation) Objective (Divume – Synchronized Intermittent Mandatory Ventilation) Ductovel (Dou Level Ventilation) OPPR (Continuous Positive Airway Pressure) PSV (Pressure Support Ventilation) APRV (Airway Pressure Regulated Volume Control) PRVC (Pressure Regulated Volume Control) Controlled Parameters 21 - 100% (increments of 1 %) TV(Tidal Volume) 21 - 100% (increments of 1 mb) MV% 25% to 350% f (Ventilation frequency) 1 - 100 bpm (increments of 1 bpm) MV% 25% to 350% f (Ventilation frequency in SIMV mode) 1 - 60 bpm (increments of 1 bpm) SIMV (Ventilation frequency in SIMV mode) 1 - 60 bpm (increments of 0.5) Tinsp (Inspiratory time) 0.20 - 10 s (increments of 0.5) Tinsp (Inspiratory time) 0.20 - 10 s (increments of 0.5) <td>Display Size</td> <td>12.1 Color active matrix TFT touch</td>	Display Size	12.1 Color active matrix TFT touch	
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V-A/C (Volume assist/control) P-A/C (Pressure assist/control) V-SIMW (Volume - Synchronized Intermittent Mandatory Ventilation) P-SIMV (Pressure - Synchronized Intermittent Mandatory Ventilation) DuoLevel (Duo Level Ventilation) CPAP (Continuous Positive Airway Pressure) PSV (Pressure Support Ventilation) PRVC (Pressure Regulated Volume Control) PRVC (Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ven AMV (Adaptive Minute Ventilation) NIV (Non-invasive Ventilation) Apnea Ventilation) Apnea Ventilation PRVC (Pressure Regulated Volume Control-Synchronized Intermittent Mandatory Ven AMV (Adaptive Minute Ventilation) Apnea Ventilation) Apnea Ventilation) Provided Parameters O ₂ % 21 - 100% (increments of 1 %) Adult: 100 - 2000 mL (increments of 10 mL) Pediatric: 20 - 300 mL (increments of 10 mL) Provided Parameters O ₂ % 22% to 350% f (Ventilation frequency) 1 - 100 bpm (increments of 1 bpm) Example (Ventilation frequency) 1 - 100 bpm (increments of 1 bpm) Example (Ventilation frequency) 1 - 100 cpm (increments of 1 bpm) Example (Ventilation frequency) 1 - 100 cpm (increments of 0.5) Tinsp (Inspiratory time) 0 - 20 - 10 s (increments of 0.05 s) Thigh 0 - 2.00 s (increments of 0.05 s) Thigh 0 - 2.00 s (increments of 0.05 s) Thigh 0 - 2.00 s (increments of 0.1 s) Tow 0 - 2.2 30 s (increments of 1 cmH ₂ O) APsupp 0 - 80 cmH ₂ O (increments of 1 cmH ₂ O) APsupp 0 - 80 cmH ₂ O (increments of 1 cmH ₂ O) PEEP 1 - 4.5 cmH ₂ O (increments of 1 cmH ₂ O) PEEP 1 - 4.5 cmH ₂ O (increments of 1 cmH ₂ O) PEEP 1 - 4.5 cmH ₂ O (increments of 0.1 L/min), Off Pressure trigger 1 - 10 to - 0.5 cmH ₂ O (increments of 0.1 L/min), Off Pressure trigger 1 - 10 to - 0.5 cmH ₂ O (increments of 0.1 L/min), Off Pressure trigger	Ventilation Specifications		
P-A/C (Pressure assist/control) V-SIMV (Volume - Synchronized Intermittent Mandatory Ventilation) P-SIMV (Pressure - Synchronized Intermittent Mandatory Ventilation) DuoLevel (Duo Level Ventilation) CPAP (Continuous Positive Airway Pressure) P-SV (Pressure Support Ventilation) APRV (Airway Pressure Release Ventilation) P-RVC (Pressure Sequilated Volume Control) P-RVC	Patient Type	Adults, children, infants (body weight of at least 3 kg)	
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Δ Pinsp 5 - 80 cmH ₂ O (increments of 1 cmH ₂ O) Δ Psupp 0 - 80 cmH ₂ O (increments of 1 cmH ₂ O) $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 1 cmH}_2O)$ $D = 80 \text{ cmH}_2O \text{ (increments of 0.1 L/min), Off}$ $D = $	Tlow	0.2 - 30 s (increments of 0.1 s)	
ΔP supp 0 - 80 cmH ₂ O (increments of 1 cmH ₂ O) Phigh 0 - 80 cmH ₂ O (increments of 1 cmH ₂ O) Plow 0 - 45 cmH ₂ O (increments of 1 cmH ₂ O) PEEP 1 - 45 cmH ₂ O (increments of 1 cmH ₂ O), Off Flow trigger 0.5 - 15 L/min (increments of 0.1 L/min), Off Pressure trigger -10 to - 0.5 cmH ₂ O (increments of 0.5 cmH ₂ O), Off Exp % (Expiration termination level) 10 - 85% (increments of 5%), Auto	Tpause	5 % - 60 % (increments of 5 %), Off	
Phigh $0-80 \text{ cmH}_2\text{O} \text{ (increments of 1 cmH}_2\text{O})$ Plow $0-45 \text{ cmH}_2\text{O} \text{ (increments of 1 cmH}_2\text{O})$ PEEP $1-45 \text{ cmH}_2\text{O} \text{ (increments of 1 cmH}_2\text{O}), \text{Off}$ Flow trigger $0.5-15 \text{ L/min (increments of 0.1 L/min), Off}$ Pressure trigger $-10 \text{ to } -0.5 \text{ cmH}_2\text{O} \text{ (increments of 0.5 cmH}_2\text{O}), \text{Off}$ Exp % (Expiration termination level) $10-85\%$ (increments of 5%), Auto Apnea Ventila tion	ΔPinsp	5 - 80 cmH ₂ O (increments of 1 cmH ₂ O)	
Plow 0 - 45 cmH ₂ O (increments of 1 cmH ₂ O) PEEP 1 - 45 cmH ₂ O (increments of 1 cmH ₂ O), Off Flow trigger 0.5 - 15 L/min (increments of 0.1 L/min), Off Pressure trigger -10 to - 0.5 cmH ₂ O (increments of 0.5 cmH ₂ O), Off Exp % (Expiration termination level) 10 - 85% (increments of 5%), Auto Apnea Ventila tion	ΔPsupp	0 - 80 cmH ₂ O (increments of 1 cmH ₂ O)	
PEEP 1 - 45 cmH ₂ O (increments of 1 cmH ₂ O), Off Flow trigger 0.5 - 15 L/min (increments of 0.1 L/min), Off Pressure trigger -10 to - 0.5 cmH ₂ O (increments of 0.5 cmH ₂ O), Off Exp % (Expiration termination level) 10 - 85% (increments of 5%), Auto Apnea Ventila tion	Phigh	0-80 cmH ₂ O (increments of 1 cmH ₂ O)	
Flow trigger 0.5 -15 L/min (increments of 0.1 L/min), Off Pressure trigger -10 to - 0.5 cmH ₂ O (increments of 0.5 cmH ₂ O), Off Exp % (Expiration termination level) 10 - 85% (increments of 5%), Auto Apnea Ventila tion	Plow	$0-45 \text{ cmH}_2\text{O}$ (increments of 1 cmH ₂ O)	
Pressure trigger -10 to - 0.5 cmH ₂ O (increments of 0.5 cmH ₂ O), Off Exp % (Expiration termination level) 10 - 85% (increments of 5%), Auto Apnea Ventila tion	PEEP	1 - 45 cmH ₂ O (increments of 1 cmH ₂ O), Off	
Exp % (Expiration termination level) 10 - 85% (increments of 5%), Auto Apnea Ventila tion	Flow trigger	0.5 -15 L/min (increments of 0.1 L/min), Off	
Apnea Ventila tion	Pressure trigger	-10 to - 0.5 cmH ₂ O (increments of 0.5 cmH ₂ O), Off	
	Exp % (Expiration termination level)	10 - 85% (increments of 5%), Auto	
Tvapnea Adult: 100 - 2000 mL (increments of 10 mL) Pediatric: 20 - 300 mL (increments of 1 m	Apnea Ventila tion		
	Tvapnea	Adult: 100 - 2000 mL (increments of 10 mL) Pediatric: 20 - 300 mL (increments of 1 mL)	
Δ Papnea 5 - 80 cmH ₂ O (increments of 1 cmH ₂ O)	ΔPapnea	5 - 80 cmH ₂ O (increments of 1 cmH ₂ O)	
	onea Tinsp	0.20 - 10 s (increments of 0.05 s)	

Sigh		
Sigh Switch	ON, Off	
Interval	20 s - 180 min (increments of 1 s from 20 to 59 s, increments of 1 min from 1 to 180 min)	
Cycles Sigh	1 - 20 (increments of 1)	
Δint.PEEP	1 - 45 cmH₂O (increments of 1 cmH₂O), Off	
Automatic Tube Resistance Compensation		
Tube Type	ET Tube, Trach Tube, Disable ATRC	
Tube I.D.	Adult: 5.0 - 12.0 mm (increments of 0.5 mm) Pediatric: 2.5 - 8.0 mm (increments of 0.5 m	
Compensate	0 -100 % (increments of 1 %)	
Expiration Compensation Switch	ON, Off	
Monitored parameters		
Airway pressure range	Ppeak, Pplat, Pmean, PEEP (Range 0 - 120 cmH₂O)	
Tidal volume range	TVi, TVe, TVe spn (Range 0 - 4000 mL)	
Frequency range	ftotal, fmand, fspn (Range 0 - 200 bpm)	
Minute volume range	MV, MVspn, MVleak (Range 0 - 100 L/min)	
Resistance	Rinsp, Rexp (0 - 600 cmH ₂ O/L/s)	
Compliance	Cstat, Cdyn (0 - 300 mL/cmH ₂ O)	
Inspired Oxygen(FiO₂)	15 - 100 %	
RSBI	0 - 999 1/(L•min)	
WOB	0 - 100 J/min	
P0.1	-20 - 0 cmH ₂ O	
NIF	-45 - 0 cmH ₂ O	
PEEPi	0 - 80 cmH ₂ O	
RCexp	0 - 10 s	
TVe/IBW		
I:E	0 - 50 ml/kg 100:1 -1:150	
Tinsp	0.00 - 60.00s	
Waveforms	Airway pressure - time, Flow - time, Volume - time	
Loops	Paw - Volume, Flow - Volume, Paw - Flow	
Ventilator Accuracy	raw - volume, riow - volume, raw - now	
Control Accuracy		
O ₂ %	± (3 vol.% +1 % of setting)	
TV	± (10 mL + 10 % of setting) ± (10 mL + 10 % of setting)	
Tinsp	\pm 0.1 s or \pm 10 % of setting, whichever is greater	
I: E	\pm 0.1 s or \pm 10 % of setting, whichever is greater 2: 1 to 1: 4: \pm 10 % of setting, other range: \pm 15% of setting	
f	2: 1 to 1: 4: ± 10 % or setting, other range: ± 15% or setting ± 1 bpm	
fSIMV	±1 bpm	
Tslope	± (0.2 s + 20 % of setting) + (2.0 cmH, 0 + 5 % of setting)	
PEEP	± (2.0 cmH ₂ O + 5 % of setting)	
ΔPinsp	\pm (2.0 cmH ₂ O + 5 % of setting)	
ΔPsupp	\pm (2.0 cmH ₂ O + 5 % of setting)	
Phigh	\pm (2.0 cmH ₂ O + 5 % of setting)	
Plow	\pm (2.0 cmH ₂ O + 5 % of setting)	
Thigh	\pm 0.2 s or \pm 10 % of setting, whichever is greater	
Tlow	\pm 0.2 s or \pm 10 % of setting, whichever is greater	
Pressure Trigger	\pm (1.0 cmH ₂ O + 10 % of setting)	
Flow Trigger	± (1.0 L/min + 10 % of setting)	
Δint.PEEP	\pm (2.0 cmH ₂ O + 5% of setting)	
Exp %	± 10 %	
fapnea	± 1 bpm	
ΔPapnea	\pm (2.0 cmH ₂ O + 5 % of setting)	
TVapnea	± (10 mL + 10 % of setting) (BTPS)	
1 Vaprica	_ (,,,,,,	

Monitoring Accuracy			
Airway pressure (Ppeak, Pplat, Pmean, PEEP)		\pm (2 cmH ₂ O + 4 % of the actual reading)	
Tidal Volume (TVi, TVe, TVe/IBW, TVe spn)		0 ml - 100 ml: \pm (10 ml + 3 % of the actual reading) (BTPS); 100 ml - 4000 ml: \pm (3 ml + 10 % of the actual reading) (BTPS)	
Minute Volume (MV, MVspn, MVleak)		\pm (0.2 L/min + 10 % of the actual reading) (BTPS)	
Frequency (ftotal, fmand, fsp	on)	\pm 5% of reading or \pm 1bpm, whichever is greater	
Inspired Oxygen (FiO ₂)		\pm (2.5 vol.% + 2.5 % of the actual reading)	
Resistance		0 to 20: ± 10 cmH₂O/L/s Other range: 50 % of actual reading	
Compliance		\pm (2 ml/cmH ₂ O + 20 % of the actual reading)	
RSBI		± (3 1/(L•min)+15 % of the actual reading)	
WOB		\pm (1 J/min+15 % of the actual reading)	
NIF		\pm (2 cmH ₂ O + 4 % of the actual reading)	
P0.1		\pm (2 cmH ₂ O + 4 % of the actual reading)	
PEEPi		No declaration	
RCexp		\pm (0.2 s + 20 % of the actual reading)	
Alarm settings			
Tidal Volume	High	Adult: 110 - 4000 mL, Off Pediatric: 25 - 600 mL, Off	
	Low	Adult: 50 - 4000 ml, Off Pediatric: 10 - 600 mL, Off	
Minute Volume	High	Adult: 0.2 - 100.0 L/min Pediatric: 0.2 - 60.0 L/min	
	Low	Adult: 0.1 - 50.0 L/min Pediatric: 0.1 - 30.0 L/min	
Air pressure	High	10 - 85 cmH₂O	
Frequency	High	1 - 150 bpm, Off	
Inspired oxygen (FiO ₂)	High	Auto, FiO₂ exceeds the alarm limit for at least 30 s, internal alarm limit: min (set value+max (7 % or set value*10 %), 100 %)	
	Low	Auto, FiO_2 lower than the alarm limit for at least 30 s, internal alarm limit: max (set value-max (7 % or set value*10 %),18 %), Absolute FiO_2 low limit: 18 %	
Apnea alarm time		5 - 60 s	
SideStream CO₂ Module (o	ptional)		
Displayed numerics		EtCO ₂	
Measurement Range		0 - 99 mmHg	
Measurement accuracy		0 to 40 mmHg ± 2 mmHg 41 to 76 mmHg ± 5% of reading 77 to 99 mmHg ± 10% of reading	
Waveforms		EtCO ₂ - time	
Resolution		1 mmHg	
		Adult: 70 ml/min, 100 ml/min, 120 ml/min, 150 ml/min	
Sampling rate		Pediatric: 70 ml/min, 100 ml/min	
Sampling rate Accuracy		\pm 15% of the set value or \pm 15 mL/min, whichever is greater	
System response time		Using Adult water trap, Adult sampling line: < 7.5 s @ 150 ml/min < 8.0 s @ 120 ml/min < 8.5 s @ 100 ml/min < 9.5 s @ 70 ml/min Using Pediatric water trap, Pediatric sampling line: < 7.5 s @ 100 ml/min < 8.0 s @ 70 ml/min	
Rise time		Adult water trap: < 400 ms @70 ml/min < 330 ms @100 ml/min < 300 ms @120 ml/min < 240 ms @150 ml/min Pediatric water trap: < 400 ms @70 ml/min < 330 ms @100 ml/min	
Water trap cleaning time		Adult water trap: ≥24 h @150 ml/min ≥48 h @70 ml/min Pediatric water trap: ≥24 h @100 ml/min ≥48 h @70 ml/min	

Sidestream CO₂ alarm limits EtCO₂ High		2 - 99 mmHg		
Low		0 - 97 mmHg		
MainStream CO ₂ Module(o				
Displayed numerics	ptional	EtCO ₂		
EtCO₂ Measurement range		0 -150 mmHg		
EtCO ₂ Measurement Accurac	у	0 to 40 mmHg ± 2 m 41 to 70 mmHg ± 5%	mHg of reading of reading of reading % of reading	
Resolution		1 mmHg		
Waveforms		EtCO ₂ - time, Volume - EtC	$\Box O_2$	
Other Parameters				
SlopeCO₂ (slope of the alveo	lar plateau)	Range: 0 - 9.99 %/L	Resolution: 0.01 %/L	
Vtalv (Alveolar tidal ventilati		Range: 0 - 9999 ml	Resolution: 1 ml	
V'alv (Alveolar minute ventil	ation)	Range: 0 - 20 L/min	Resolution: 0.01 L/min for < 1 L/min, 0.1 L/min for ≥ 1 L	
V'CO ₂ (CO ₂ elimination)		Range: 0 - 9999 mL/min	Resolution: 1 ml/min	
VDaw (Airway death space)		Range: 0 - 999 mL	Resolution: 1 ml	
VDaw/TVe (Physiological dea fraction at the airway openin		Range: 0 - 100 %	Resolution: 1 %	
VeCO ₂ (exha l ed CO ₂ volume)		Range: 0 - 999 mL	Resolution: 1 ml	
ViCO ₂ (inspired CO ₂ volume)		Range: 0 - 999 mL	Resolution: 1 ml	
System response time		< 2.0 s		
CO ₂ alarm limits				
EtCO ₂	High	2 - 150 mmHg		
	Low	0 - 148 mmHg		
SpO ₂ module(optional)				
Measurement Range and R	esolution			
SpO ₂		Range: 0 - 100 %	Resolution: 1 %	
PR		Range: 20 - 254 1/min	Resolution: 1 1/min	
PI		Range: 0.05 - 20 %		
Measurement Accuracy		9		
		70 to 100 %: ±2 %		
SpO ₂		0 % to 69 %: Not specified	d.	
PR		± 3 1/min		
SpO₂ alarm limits				
SpO ₂	High	2 -100 %		
	Low	0 - 98 %		
	Desat	0 - 98 %		
PR	High	17 - 300 1/min		
	Low	15 - 298 1/min		
Trend				
Туре		Tabular, Graphic		
Length		72 hours		
Content		Monitor Parameters, Setti	ing Parameters (Setting Ventilation mode and Parameters	
O₂ Therapy				
Controlled Parameters				
O ₂ %		21 - 100 % (increments of	f 1 %)	
Flow		2 - 60 L/min		
Controlled Accuracy				
O ₂ %		± (3 vol.% +1 % of setting	± (3 vol.% +1 % of setting)	
Flow		± (2 L/min +10 % of settir	ng) (BTPS)	
Monitor Accuracy				

Flow	± (2 L/min + 10 % of the actual reading) (BTPS)	
Log		
Туре	Alarm, Operation	
Max number	5000	
O ₂ Sensor		
Туре	Galvanic fuel cell	
Response time	< 15 s	
Communication interface		
Communication interface	Rs232, Ethernet, VGA, USB port, Nurse call	
Gas supply		
Gas type	O_2	
Pipe Connector	NIST or DISS	
Gas supply pressure	280 - 600 kPa	
Peak flow in case of single supply gas(air)	≥ 210 L/min (BTPS)* ¹	
Operation Data		
Environmental specifications		
Temperature	5 - 40 °C (operating); -20 to 60 °C (storage and transport, O_2 sensor: -20 to 50 °C)	
Relative Humidity	10 - 95 % (operating); 10 - 95 % (storage and transport)	
Barometric Pressure	62 - 106 kPa (operating); 50 -106 kPa (storage and transport)	
Power and Battery Backup		
External AC power supply		
Input voltage	100 - 240 V	
Input frequency	50/60 Hz	
Input current	2.7 - 1.1 A	
Fuse	T3.15 AH/250 V	
External DC power supply		
Input voltage	12 V	
Input current	15 A	
Internal battery		
Number of batteries	One or Two	
Battery type	Build-in Lithium-ion battery, 14.8 VDC, 5800 mAh	
Battery run time	180 min (Powered by one new fully - charged battery in standard working condition 360 min (Powered by two new fully - charged battery in standard working condition	
Trolley		
Dimensions	1039 mm*528 mm*544 mm	
Weight	Approximately 20 kg	
Special Functions and procedures	- 	
Sigh		
100% O ₂		
Suction		
Manual breath		
Expiratory hold Inspiratory hold		
P0.1		
NIF		
PV - Tool		
PEEPi		
Nebulizer		

^{*}¹ BTPS =Body Temperature and Pressure Saturated
*² The standard work condition is:Ventilation mode:P-A/C; ΔPinsp:10 cmH₂O; f:10 bpm; Tinsp:2 s; Tslope:0.2 s; O₂%:21 Vol.%; PEEP:5 cmH₂O; R:20 cmH₂O/L/s; C:20 ml/cmH₂O; Gas supply nominal work pressure:400±100 kPa.