

SM-510S

Technical Specification

Ventilation Modes				
	A/C-V with sigh		A/C-P	
	SIMV-V		SIMV-P	
Parameters				
• Tidal Volume:	0~2000 ml			
• Respiration Rate:	1~120 bpm (A/C mode)			
	1~40 bpm (SIMV mode)			
• I:E Ratio:	1:10~4:1			
• FiO ₂ :	40%~100%			
• Trigger Sensitivity:	Pressure trigger: -20~0 cmH ₂ O			
• Flow Trigger:	2~30 L/min			
• PEEP:	0~30 cmH ₂ O			
Monitoring				
• Pressure Value:	Ppeak,PEEP			
• Volume / Flow Value:	Vt, MV			
• Time Value:	ftotal			
• Real Time Curves:	Pressure-Time,Flow-time			
Alarms				
	Paw high	Paw low	MV high	Gas supply down
	No VT	FiO ₂ high	FiO ₂ low	Apnea
	Continuous pressure high / CP high		EX. power lost	
	O ₂ deficiency	Battery low		
Technical Data				
• Supply Gas:	O ₂ , 0.25~0.6 MPa			
• Power Supply:	AC100~240 V, 50 Hz/60 Hz, ≤65 VA			
• Screen Size:	5" LCD Screen			
• Maximum Security Pressure:	≤8 KPa			
• Compliance:	≤4 ml /100 Pa			
• Dimension (WxDxH):	168 mm x 156 mm x 300 mm			
• Battery Operating Time:	Approx. 4.5H			
• Weight:	3.2 kg (Main unit)			
	8 kg (Main unit & Accessories)			



Emergency Transport Ventilator

CE 0123





SM-510S
Emergency Transport Ventilator



- Combines advanced technology and versatile ventilation functions
- Meets the breathing requirements of adults, pediatric and infant patients
- Pneumatically driven electronically controlled

Multi-functional Emergency Transport Ventilator

- It helps optimize quality of care & patient comfort, improving patient outcomes
- One device addresses diverse ventilation requirements, fully covering various situations

Integrated with Versatile Ventilation Modes

- Pressure control & Volume control mode
- Invasive & Non-Invasive ventilation
- SPONT/PSV, CPAP modes

Manual Intervention Functions

- Manual breath
- Inspiratory hold

Enhancements

- FiO₂ 40% to 100% continuously adjustable
- Waveform display: Pressure- time, Flow-time
- Alarm silence
- Pre-use test

Features

Simple operation, compact design, reliable performance



- Waveform display and multi-parameter monitoring
- Electronically controlled PEEP



- Acoustic and visual alarms
- Anti-crash design



- Direct access to critical settings and patient data



- Operate with low flow oxygen supply

Safety Guarantee

- Meets with EN1789 standard
- IPX4 waterproof level

Applications

Emergency – Transport – Intra-hospital transfer – Recovery



Multiple Ways of Power Supply

- Vehicle D/C power
- 4.5h long lasting internal battery
- A/C power adaptor
- External backup battery(optional)

Comprehensive Accessories

- Suction unit
- Hanging plate assembly
- 2.8L Oxygen cylinder kit
- Bluetooth module
- Oxygen sensor