



# Shangrila510S Emergency Transport Ventilator

CE 0123

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Reliable Quality Thoughtful Service





## Shangrila 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

- FiO<sub>2</sub> 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
- Oxygen sensor

# Technical Specification

## Ventilation Modes

	A/C-V with Sigh	A/C-P	
	SIMV-V	SIMV-P	
	SPONT/PSV	CPAP	MANUAL

## 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 <sub>2</sub> :	40%~100%
• Trigger Sensitivity:	Pressure trigger: -20~0 cmH <sub>2</sub> O
• Flow Trigger:	2~30 L/min
• PEEP:	0~30 cmH <sub>2</sub> 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 <sub>2</sub> high	FiO <sub>2</sub> low	Apnea
	Continous pressure high / CP high			EX. power lost
	O <sub>2</sub> deficiency	Battery low		

## Technical Data

• Supply Gas:	O <sub>2</sub> , 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)

Remark: Above configurations include standard and optional. Please check price with your Aeonmed sales representative.

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