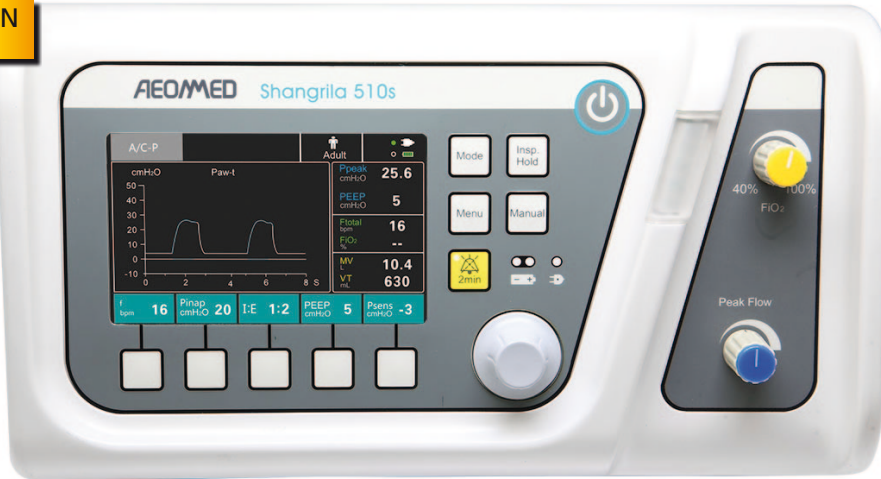


## SHANGRILA 510S EMERGENCY VENTILATOR

8 VENTILATION MODES

CE 0123

56600



Simple operation, compact design, reliable performance

- waveform display and multi-parameter monitoring
- electronically controlled PEEP
- direct access to critical settings and patient data
- anti-crash design
- acoustic and visual alarms

Safety Guarantee

- complies with EN1789 standard
- IPX4 waterproof level

### • 56600 SHANGRILA 510S EMERGENCY VENTILATOR

Multi-functional emergency transport ventilator which combines advanced technology and versatile ventilation functions.

Pneumatically driven electronically controlled ventilation system.

The device meets different needs of ventilation, covering various situations.

Suitable for adults, pediatric and infant patients.

Features:

- interface available in: GB, FR, IT, ES, PT
- waveform display and multiparameter monitoring
- 5" LCD display
- acoustic and visual alarms
- direct access to critical settings and patient data
- anti-crash design
- operate with low flow oxygen supply
- pre-use test
- FiO<sub>2</sub> 40% to 100% continuously adjustable
- alarm silence

8 ventilation modes:

- A/C: the ventilator delivers only mandatory breaths. When the ventilator detects patient inspiratory effort, it delivers a patient-initiated mandatory (PIM) breathe;
- A/C-V (Volume Control Ventilation): mandatory ventilation with preset respiratory frequency and tidal volume;
- A/C-P (Pressure Control Ventilation): mandatory ventilation with preset respiratory frequency and pressure limit;
- A/C + SIGH: based on A/C mode, the difference is a high tidal volume (1.5 times as set) delivered every 100 breaths;
- SIMV (Synchronized Intermittent Mandatory Ventilation): mixed ventilator mode that allows both mandatory and spontaneous breaths;
- CPAP (Continuous Positive Airway Pressure): ventilator delivers a continuous flow that always maintains positive pressure flow, throughout inspiration phase of ventilation;
- SPONT (spontaneous): inspiration is usually initiated by patient effort. Breaths are initiated via pressure or flow triggering, whichever is currently active;
- Manual: manual breath, inspiratory hold.

GIMA code	ACCESSORIES	Minimum order
34502	Oxygen cylinder 2.0 l UNI standard with reducer	1
34522	Oxygen cylinder 2.0 l NF standard with reducer	1
34035	Corrugated PVC tube - 117 cm	1
34036	Patient circuit (valve + corrugated tube)	1
56607	Air filter sponge - spare	box of 5
56610	Ni-Mh battery - spare	1
56611	Hanging plate for ambulance - optional	1



Applications

- Emergency - Transport
- Intra-hospital transfer - Recovery

Multiple ways of power supply

- 4.5 h long lasting internal battery
- A/C power adaptor
- Vehicle DIC power cable (on request)



Carrying bag equipped with bracket assembly



TECHNICAL SPECIFICATIONS			
Ventilation modes:	A/C, A/C-V, A/C-P, A/C+SIGH, SIMV, CPAP, SPONT, Manual adult, child, infant (>3.5 kg)	Monitoring	
Patient type:		Pressure value:	Ppeak, PEEP
Parameters		Volume / Flow value:	Vt, MV
Tidal volume:	0~2,000 ml	Time value:	ftotal
Respiration rate:	1~120 bpm (A/C mode) 1~40 bpm (SIMV mode)	Real time curves:	pressure-time, flow-time
I:E Ratio:	1:10~4:1	Supply gas:	O <sub>2</sub> , 0.25~0.6 MPa
FiO <sub>2</sub> :	40%~100%	Battery:	rechargeable built-in battery
Pressure trigger sensitivity:	-20~0 cm H <sub>2</sub> O	Battery operating time:	4.5 hours
Flow trigger:	2~30 l/min	Power supply:	AC 100~240 V, 50/60 Hz, ≤65 V A
PEEP:	0~30 cm H <sub>2</sub> O	Maximum security pressure:	≤ 8 KPa
Inspiration flow:	Max. 90 l/min	Compliance:	≤ 4 ml /100 Pa
		Noise:	≤ 65dB(A)
		Size - weight:	168x156x300 mm - 3.2 kg (device only)

STANDARD ACCESSORIES
Patient circuit
1 l test lung
Filter
2 m oxygen pipeline
Sampling tubes
AC power adapter cable
Carrying bag with bracket assembly
Integrated battery
User manual GB, FR, IT, ES, RU*

\*Available only on [www.gimaitaly.com](http://www.gimaitaly.com)