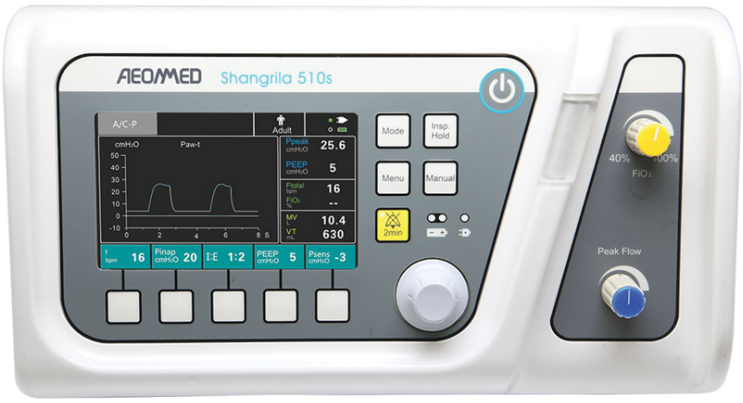
SHANGRILA 510S EMERGENCY VENTILATOR



Product Code	56600
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II B

UK-REP	No
CH-REP	No

RDM (NSIS)	1705429
CND	Z12030104
EAN/UPC	6946473208632

Description

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
- FiO2 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.

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

Technical Specifications

Ventilation modes: A/C, A/C-V, A/C-P, A/C+SIGH, SIMV, CPAP, SPONT, Manual
Patient type: adult, child, infant (>3.5 kg)

Parameters
Tidal volume: 0~2,000 ml
Respiration rate: 1~120 bpm (A/ C mode) / 1~40 bpm (SIMV mode)
I:E Ratio: 1:10~4:1
FiO2: 40%~100%
Pressure trigger sensitivity: -20~0 cm H2O
Flow trigger: 2~30 l/min
PEEP: 0~30 cm H2O
Inspiration flow: Max. 90 l/min
Real time curves: pressure-time, flow-time
Supply gas: O2, 0.25~0.6 MPa
Battery: rechargeable built-in battery
Battery operating time: 4.5 hours
Power supply: AC 100~240 V, 50/60 Hz, =65 V A
Maximum security pressure: =8 KPa
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