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INTENSIVE CARES



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## Emergency Transport Ventilator



**Cod. ESV-510S**

- Combines advanced technology and versatile ventilation function
- Meets the breathing requirements of adults, paediatric and infant patients
- Pneumatic driven electronically controlled
- 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
- A/C power adaptor
- 4.5h long lasting internal battery
- External backup battery(optional)

**Comprehensive Accessories**

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



## Technical Features

<b>Ventilation Settings</b>				
<b>Patient type</b>				
Adult, paediatric and infant patients				
<b>Ventilation Modes</b>				
• A/C-V with Sigh	• A/C-P	• SIMV-V	• SIMV-P	
• SPONT/PSV	• CPAP	• Manual	• Apnea backup ventilation	
<b>Parameters</b>				
• Tidal Volume (VT)	50-2000ml			
• Frequency	1 to 120 bpm			
• I:E Ratio	4:1 to 1:10			
• PEEP	0 to 30 mbar			
• O <sub>2</sub> Concentration (FiO <sub>2</sub> )	40 to 100 Vol%			
• Trigger Type	Pressure trigger, Flow trigger			
<b>Monitoring</b>				
• Ppeak	• PEEP	• VT	• MV	• ftotal
• FiO <sub>2</sub>	• Real Time Curves	• Pressure-time		
<b>Alarms</b>				
• MV High	• MV Low	• Battery Low	• FiO <sub>2</sub> Low	• FiO <sub>2</sub> High
• Paw Low	• NO Vt	• Apnea	• Paw High	• CP High
• O <sub>2</sub> Deficiency	• EX. Power Lost	• System Lost		
<b>Physical Specifications</b>				
• Dimensions (WxDxH)	168 x 156 x 300 mm			
• Weight				
Main Unit	Approx. 3.2 kg (7.3 lbs)			
Main Unit+Accessories	Approx. 8 kg (17.6 lbs)			
• Diagonal Screen Size	5" LCD screen			
• Battery Operating Time	Approx. 4.5 hours			
• Work Temperature	-18 – 50°C			



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