



Shangrila 510S

Integrated Respiratory Work Station

TECHNICAL
DATA

AEOMED
Reliable Quality Thoughtful Service

Shangrila 510S Integrated Respiratory Work Station is customized to save more lives in the global outbreak of COVID-19 pandemic.



Patient Type

Adult & Child (>3.5 kg)

Ventilation Modes

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

Enhancements

Apnea back-up ventilation	Manual breath
Alarm silence	

Parameter Setting

Tidal volume (Vt)	0-2000 mL
Pinsp	5-50 cmH ₂ O
Psupp	0-50 cmH ₂ O
CPAP (NIV)	0-30 cmH ₂ O
PEEP	0-30 cmH ₂ O
Pressure trigger	-20-0 cmH ₂ O
Flow trigger	2-30 L/min
Frequency (f)	1-120 bpm (A/C) 1-40 bpm (SIMV)
I:E ratio	4:1-1:10
Pause time (T _{pause})	0-5 s
O ₂ concentration	40-100 %
Inspiration flow	Max. 90 L/min

Monitoring Data

MV	VT	Frequency (f)
FiO ₂	Ppeak	PEEP

Waveform Display

P-T	F-T
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Alarm Setting

High MV	OFF, 1-25 L
Low MV	OFF, 0-24 L
High FiO ₂	OFF, 50-100 %
Low FiO ₂	OFF, 35-99 %
High Paw	6-80 cmH ₂ O
Low Paw	0-40 cmH ₂ O
AC power failure	Gas supply down
O ₂ deficiency	MV high
Low battery	No VT
Apnea	CP high

Language	
Chinese	English
Spanish	Italian
Turkish	Other languages

Environmental Requirements

Temperature	
Operating condition	-18-50 °C
Storage condition	-20-60 °C
Relative humidity	
Operating condition	15-95 %
Storage condition	10-95 %
Barometric pressure	
Operating condition	70-110 kPa
Storage condition	50-110 kPa

Accessories

Electrical	
AC voltage	100-240 V, 50/60 Hz
DC voltage*	12 V
Battery run time	Minimum 4.5 hours
Battery type	Nickel-metal hydride battery

Gas Supply

Supply pressure (O2)	250-600 kPa
Flow	Max. 180 L/min

Physical Specifications

Main unit weight	3 kg (exclude trolley)
Dimension (H*W*D):	168* 156 *300 mm
LCD screen	5" TFT
Communication Ports	RS232



Trolley



Humidifier



Breathing Circuit



Arm

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