

Environmental Specifications

	Working Environment	Storage Environment
Temperature	5°C to 35°C	-20°C to 60°C
Humidity	15% to 95% (no condensation)	15% to 95% (no condensation)
Atmosphere pressure	77 to 101kPa	Inapplicable

Physical Specifications

Dimension	255mm*170mm*112mm
Weight	1.8Kg
Water capacity	MAX 200ml

Parameter Scope

Pressure	4~ 20cmH ₂ O (±1cmH ₂ O) with a 0.5cmH ₂ O increment
IPAP	4~ 20cmH ₂ O (±1cmH ₂ O) with a 0.5cmH ₂ O increment
EPAP	4~ 20cmH ₂ O (±1cmH ₂ O) with a 0.5cmH ₂ O increment
ISlop	1-6 level
Esens	1-6 level
BPM	4-40BPM
Insp Time	0.5-3.0s
Ramp	0 -60 min
EPR	0 level Close EPR 1 level setting pressure -2cmH ₂ O 2 level setting pressure -3cmH ₂ O 3 level setting pressure -4cmH ₂ O
Humidifier	0 gear close the humidifier 1 level 45°C 2 level 50°C 3 level 55°C 4 level 60°C

	5 level 65°C
System time	24-hour
Backlight	30seconds,60seconds,90seconds,120seconds,150seconds,240seconds,330seconds,420seconds,510seconds,600seconds

Electrical Specifications

Power adapter	Model: DSS-240250 60VA Input: 100-240V,50-60Hz Output: +24V,2.5A
Type of protection Against Electric Shock	Class II Equipment
Degree of protection Against Electric Shock	Type BF applied part
Degree of protection Against Ingress of Water	IPX1
Noise level	<30dB,when the device is working at the pressure of 10cmH ₂ O

Humidifier

Do the test according to YY 0786-2010 standard or equivalent methods.

Output air flow temperature:	<40°C
Humidity scope:	10-40mg/L
Pressure drop caused by humidifier:	<0.5cmH ₂ O (with the flow rate of 60LPM)
Leaking under maximum working pressure:	<25mL/min (Together with the tubing)
Adaptability:	<20mL/kPa(Together with the tubing)
Preheating time:	30 minutes

Pressure Accuracy

According to the maximum dynamic pressure changes of ISO 17510-2007 standard.

Pressure (cmH ₂ O)	10 BPM	15 BPM	20 BPM
4	0.21	0.5	0.71
8	0.3	0.54	0.75
12	0.39	0.58	0.85
16	0.40	0.65	0.87
20	0.40	0.70	0.97
25	0.53	0.78	1.09

Maximum Flow

According to the maximum flow of ISO 17510-2007 Standard

Set pressure (cmH₂O)	Measured pressure (cmH₂O)	Maximum flow (L/min)
4	3	38.2
8	7	38.6
12	12	39.5
16	16	41.1
20	19	41.9
25	24	44.1