

YAMIND DM28-30ST
Technical Specification

Type of ventilation	Type Bi-level Continuous Positive Airway Pressure				
	Usage scenario	Hospital or home			
	Application	Adult weigh over 30kg, suffering from OSAHS or COPD			
Screen	5.0" LED display; Touch control				
Therapa Mode	S、CPAP、S/T、T				
Pressure	Pressure range	2-30cmH ₂ O , pressure increment 0.2cmH ₂ O			
	Single fault	≤40cmH ₂ O			
	Static pressure deviation	±0.5cmH ₂ O			
	Static pressure stability	±0.5cmH ₂ O			
	Pressure display accuracy	± (2% full scale+ 4% actual reading)			
Max flow volume	Pressure set (cmH ₂ O)	2	9.6	17.2	25
	Output pressure (cmH ₂ O)	1	8.6	16.2	24
	Output pressure average (L/min)	30	60	60	60
Specification	Inspiratory pressure (IPAP)	4-30cmH ₂ O			
	Expiratory pressure (EPAP)	2-25cmH ₂ O			
	Start pressure	2cmH ₂ O- EPAP			
	inhalation time	0.5 ~ 15s			
	delayed pressure	0-60min			
	Inspiratory sensitivity	1-5 level			
	Expiratory sensitivity	1-5 level			
	Exhalation release	1-3 level			
	Inspiration rate	1-3 level			
	Expiration rate	1-3 level			
	Target tidal volume	100-2000ml			
Humidification	1-6 level (≦ 70 °C)				
Auxiliary function	Pressure & P95 real-time curves, AVAPS control (100 - 2000 ml), automatic leakage compensation, altitude compensation, auto-start , accessories replacement reminder, data storage, auto pressure titration, events monitor (AHI),				
Parameter monitered	Inspiration and expiration ratio, air leakage volume, respiration rate, tidal volume, munite ventilation, real-time inspiratory/expiratory pressure, AHI, P95, treatment mode, usage time, etc.				
Reminder	Power failure、 air leakage, humidifying temperature high, high leakage, lid or tubing of humidifier fall off, high pressure, SD card error, low tidal volume, low munite ventilation 、 high inspiration pressure, low expiration pressure, high or low respiration rate, etc.				
Accessories	Micro SD card	Standard , 4G storage			
	Tubing	φ22mm , >1.2m			
	Mask	FM1A type face mask			
Noise	≤30dB				
Humidity output	≥10mgH ₂ O/L				

Water tank capacity	300±10ml		
Working environment		Working condition	Storage
	Temperature	5°C-35°C	-20°C-55°C
	Humidity	15%~95% (No condensation)	15%~95% (No condens)
	Atmosphere	86-106kPa	50-106kPa
Continuous working hours	≥8h , deviation between actual pressure and setting pressure <0.5cmH ₂ O		
Power supply requirement	AC voltage	100-240V	
	Frequency	50Hz/60Hz	
	Input	1.5A	
	Adaptor output	DC 24V , 3A	
Security type	II type	BF type	
Waterproof	IP21-Drip proof equipment		
Dimension	275×162×142mm(LWH)		
Weight	1.1kg (exclude humidifier) 1.9kg (incl. humidifier)		