



Sepray BPAP ST-30F

Intelligent Solution for COPD Treatment

Sepray ST-30F provides non-invasive ventilation for patients with respiratory insufficiency and distress, and obstructive sleep apnea. Enhanced technology improves the comfortable therapy experience, and to ensure that the patient will receive optimal ventilation and effective therapy.



Safety Care

Multi-alert settings take care of the patient all the time.

Backup rate feature gives the patient an adjustable minimum respiratory rate.

*Only available in S/T mode.



User-friendly Design

Automatic sensitivity technology. Pressure, flow, blood oxygen saturation and pulse rate can be seen clearly on 3.5" colour LCD screen.*



Data Management

Embedded memory and micro SD card store patient's therapy information.

Smartphone apps and built-in Wi-Fi module make connectivity to Cloud platform in real time.*

Effective Treatment

AST (Automatic Synchronization Technology) anticipates respiratory waveform and provides corresponding EPAP and IPAP to ensure patient's comfort and mechanical synchrony.

VAT (Volume Assured Technology) automatically estimates the pressure needed to fit target tidal volume according to patient's change and provides incrementally IPAP control to ensure patient's tidal volume.



Intelligence Core

Auto-saving treatment parameter.

Automatic leakage and altitude compensation.



Comfortable treatment

Powerful noise-reducing technology. 5 adjustable humidity levels and optional heated tubing.

Description	BPAP ST-30F
Mode	CPAP, S, T, S/T
Pressure range	4 cmH ₂ O-30 cmH ₂ O
Pressure accuracy	± 0.5 cmH ₂ O
Target tidal volume	200 ml - 1500 ml
Max. operation pressure	< 40 cmH ₂ O
COMF pressure relief	1-3 levels
Ramp time	0 to 45 min (5-minute increments)
Rise time	1-5 levels
Respiratory rate	5 to 30 BPM
Humidification	
Humidification settings	1-5 levels (113 to 185°F/45 to 85°C) Heated Tube (optional)
Date storage capacity	> 1 year, Micro SD Card 4G
Dimensions (L x W x H)	24.5 x 16 x 10.5 cm
Weight	1.82 kg
Electrical requirements	100 - 240 VAC, 50/60 Hz, 2.0-0.4 A
Mean sound level	≤ 30 dB
Type of protection against electric shock	Class II Equipment
Degree of protection against electric shock	Type BF
Degree of protection against ingress of water	IP21
Relative humidity operation and storage	15% to 95% no condensation
Temperature range	
Operation	+5°C to +35°C
Storage	-25°C to +70°C



ST-30F



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Note: Micomme Medical reserves the right to make changes in specifications at any time without prior notice.

* Part of the function is only available for specified countries and areas.