

Upgraded humidification, soft breath

G2S B25VT/B30VT is a Bi-level device with S/T mode and target tidal volume feature intended to provide non-invasive ventilation for Obstructive Sleep Apnea and Respiratory Insufficiency patients.

family cares



BPAP System
G2S B25VT/B30VT





Ultra modern design with a user friendly interface

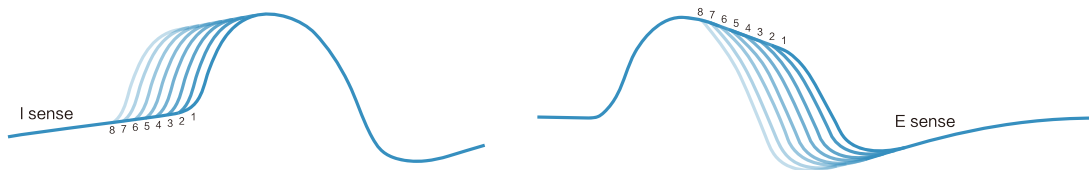
- The water chamber with drawer structure and opening cover, is more convenient to fill water and clean.
- 3.5-inch color screen with user friendly interface.



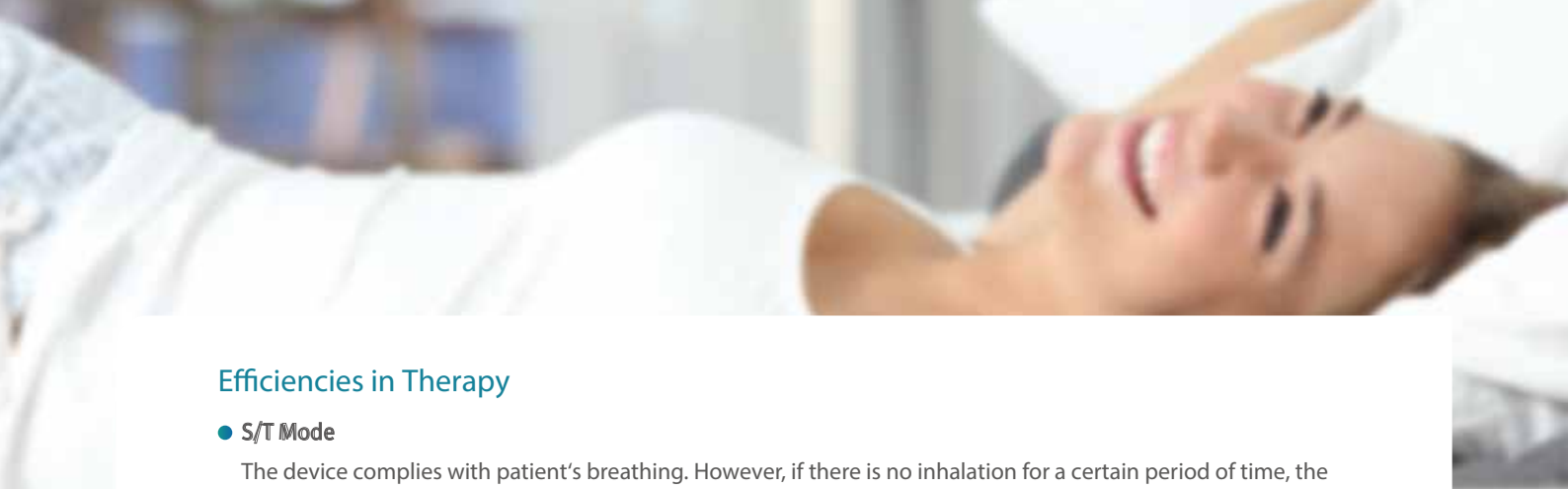
Intelligent comfort features

- ~~Inspiratory//Expiratory sensitivity~~ **Inspiratory//Expiratory sensitivity**

8 grades of I Sens and E Sens optimize the compliance of the device with the patient.



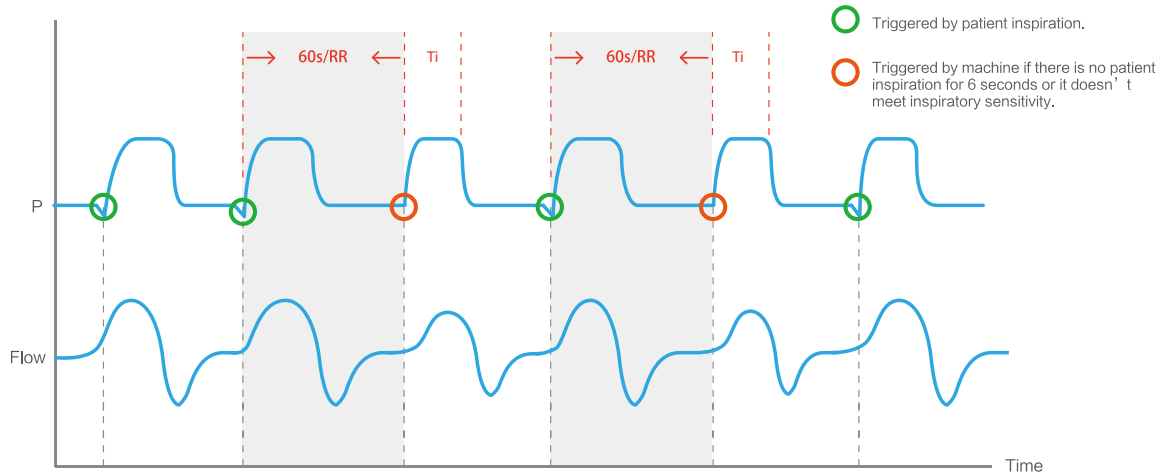
- Newly designed integrated humidifier has large heating plate (> 50 cm²), which ensures excellent humidifying capacity and improves comfort.
- The ramp time ranges from 0 to 60 minutes



Efficiencies in Therapy

● S/T Mode

The device complies with patient's breathing. However, if there is no inhalation for a certain period of time, the device will give a forced ventilation to ensure the minimum ventilation.

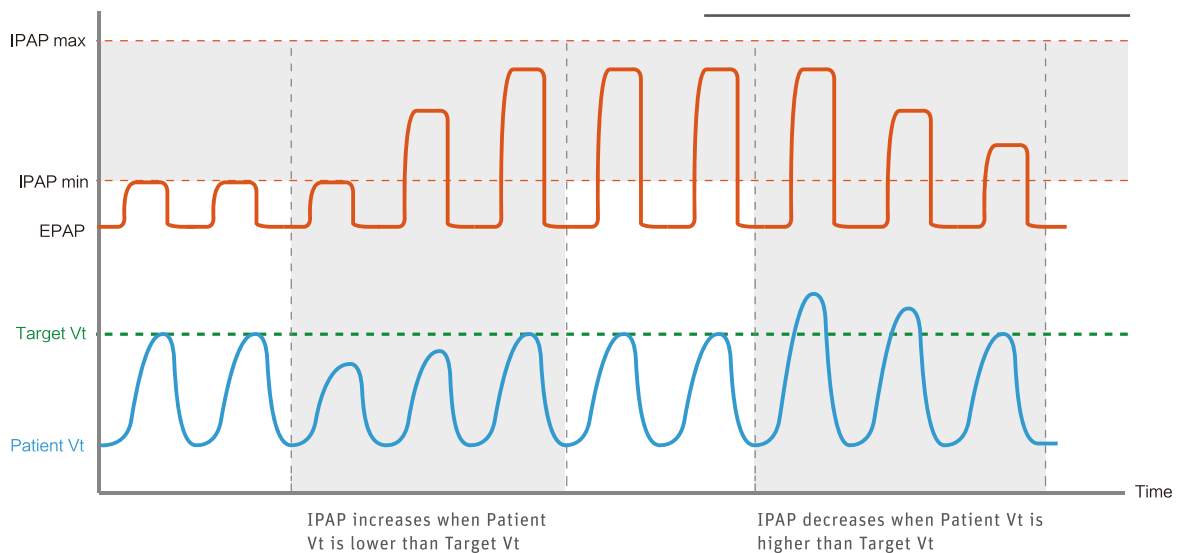


● Target Tidal Volume Function

Optimize IPAP according to mean Vt of last 5 breathings and prescribed Target Vt. Larger difference between mean Vt and target Vt takes more evident adjustment in IPAP.

- Inspiratory pressure is between IPAP min and IPAP max.
- Larger difference between mean Vt and target Vt takes more evident adjustment in IPAP.
- Patient Vt is the mean of Vt values from patient's last 5 breathings.

| Height (m) | Ideal Weight (kg) (BMI=20) | Target Vt (mL) (8 mL/kg) | Target Vt (mL) (10 mL/kg) |
|------------|----------------------------|--------------------------|---------------------------|
| 1.50 | 45 | 360 | 450 |
| 1.55 | 48 | 380 | 480 |
| 1.60 | 51 | 410 | 510 |
| 1.65 | 54 | 440 | 540 |
| 1.70 | 58 | 460 | 580 |
| 1.75 | 61 | 490 | 610 |
| 1.80 | 65 | 520 | 650 |
| 1.85 | 68 | 550 | 690 |
| 1.90 | 72 | 580 | 720 |





Powerful data transfer/retrieval solution



SD Card



Cellular



iCode / iCode QR /
iCode QR+

Various way of therapy report review

- Quick Report through Device Screen
- BMCares App
- BMCares Cloud Platform
- iCode web version (www.bmc-icode.com)
- BMC nPAP Data Analysis Software (PC software)
- BMC Software web version (www.icodeconnect.com/quick/info)

Complete optional accessories

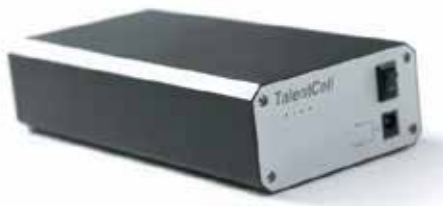
G2S adopts a series of complete accessories to meet different usage scenarios and needs:



SpO₂ Kit



Cellular Module



Power Bank (D1402)



Heated Tubing



Specifications

Device Size

Dimensions: 274 mm × 184 mm × 115 mm

Weight: 1.9 kg

Water capacity: To maximum fill line 360 mL

Heated Humidifier

Humidifier Settings: Off, 1 to 5 (95°F to 154.4°F / 35°C to 68°C)

Humidifier Output: No less than 10 mg H₂O/L

Work Mode

CPAP、S、T、S/T

SD Card

The SD card can record patient data and fault information

AC Power Consumption

100 - 240 V AC, 50/60 Hz, 2.0 A

Sound Pressure Level

< 30 dB, when the device is working at the pressure of 10 hPa

Maximum Flow

| Test Pressures (hPa) | 4 | 9 | 15 | 20 | 25 |
|--|----|-----|-----|-----|-----|
| Measured Pressure at the Patient Connection Port (hPa) | 3 | 8 | 14 | 19 | 24 |
| Average Flow at the Patient Connection Port (L/min) | 90 | 120 | 150 | 150 | 150 |

Automatic leak compensation

Maximum Delivered Gas Temperature: ≤ 43°C

Pressure

G2S B25VT: 4 to 25 hPa

G2S B30VT: 4 to 30 hPa

Static Pressure Stability

± 0.5 hPa

SpO₂

0% to 100%

Pulse Rate

40 to 240 BPM