

# 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

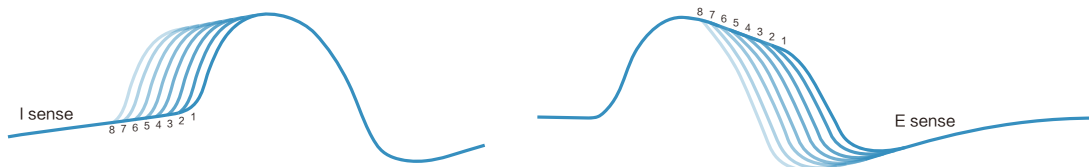
- The water chamber with drawer structure and opening cover, is more convenient to fill water and clean.
- 3.5-inch color screen with user friendly interface.



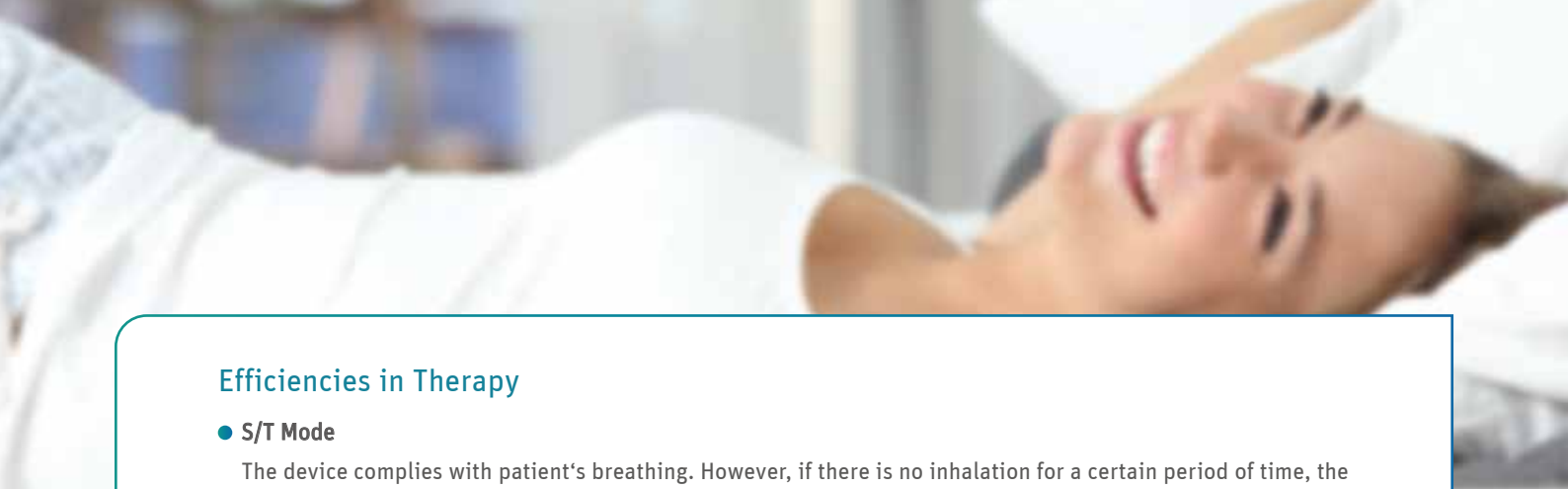
### Intelligent comfort features

- **Inspiratory / Expiratory sensitivity**

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



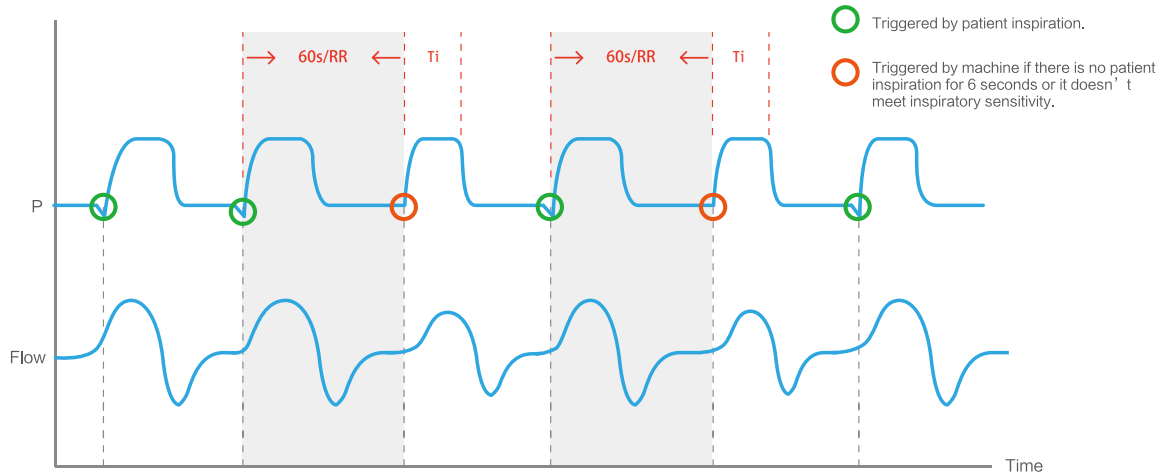
- Newly designed integrated humidifier has large heating plate (> 50 cm<sup>2</sup>), which ensures excellent humidifying capacity and improves comfort.
- The ramp time ranges from 0 to 60 minutes



## 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.

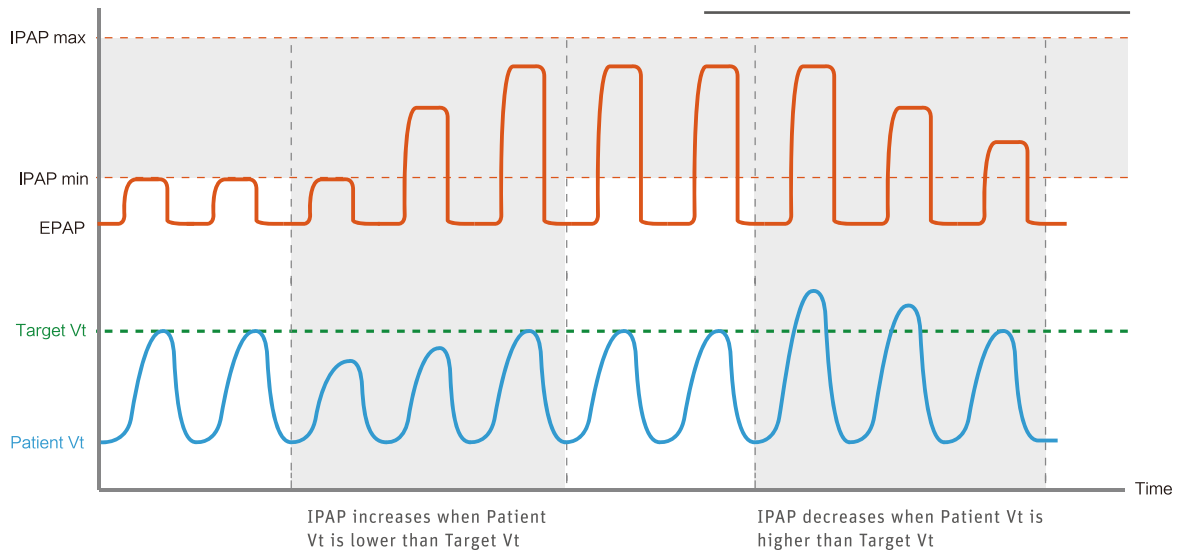


### ● Target Tidal Volume Function

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](http://www.bmc-icode.com))
- BMC nPAP Data Analysis Software (PC software)
- BMC Software web version ([www.icodeconnect.com/quick/info](http://www.icodeconnect.com/quick/info))

## Complete optional accessories

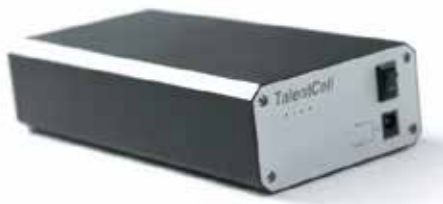
G2S adopts a series of complete accessories to meet different usage scenarios and needs:



SpO<sub>2</sub> 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 H<sub>2</sub>O/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

### SpO<sub>2</sub>

0% to 100%

### Pulse Rate

40 to 240 BPM

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