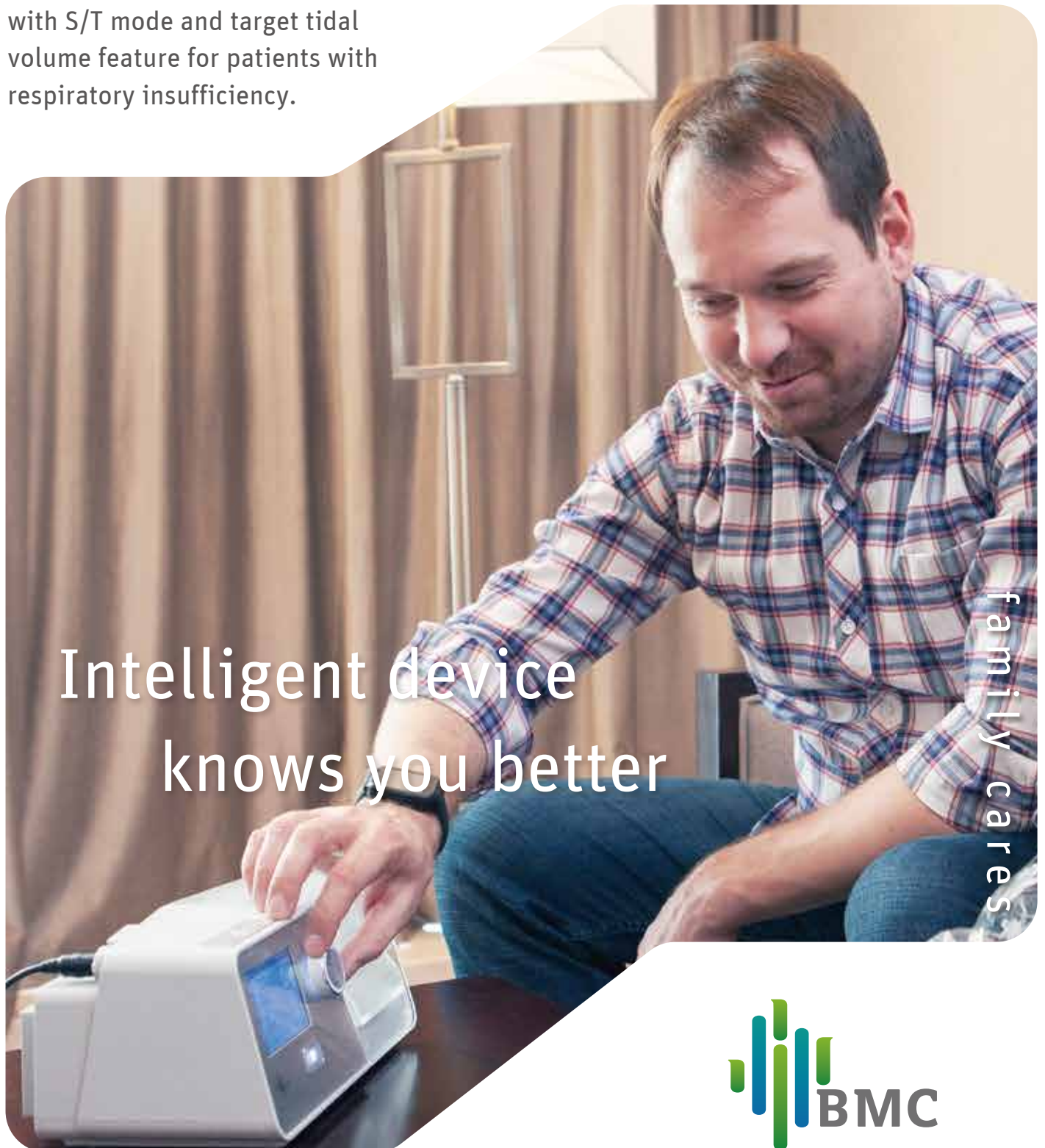




BPAP System

G3 B30VT

G3 B30VT is a bi-level device with S/T mode and target tidal volume feature for patients with respiratory insufficiency.



Intelligent device
knows you better

family cares

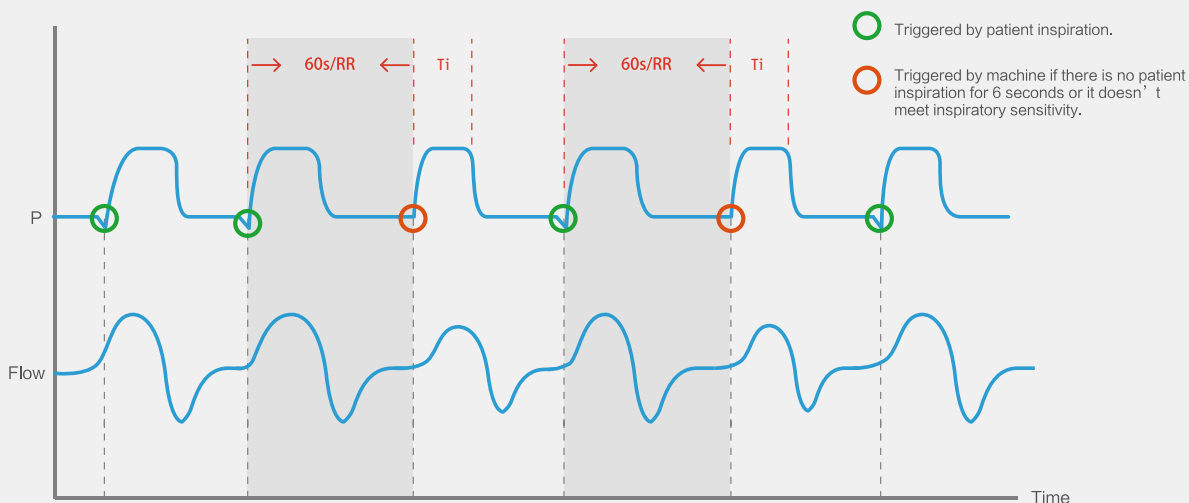


Efficiencies in Therapy



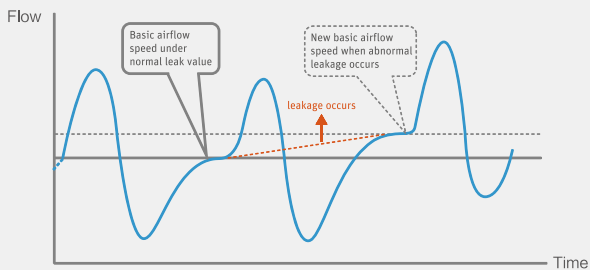
S/T Mode

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



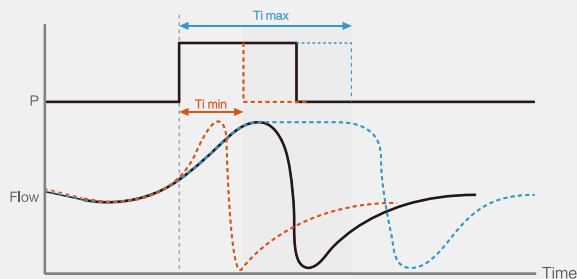
Auto Leak Compensation

The machine detects the leaks during treatment in real time and adjusts the baseline to ensure correct triggering and related functions.



Inspiratory time control

Ti min and Ti max could be set independently, avoiding insufficient ventilation due to short inspiratory time. At the meantime, cases can be prevented where expiratory sensitivity is unable to meet due to large leaks.



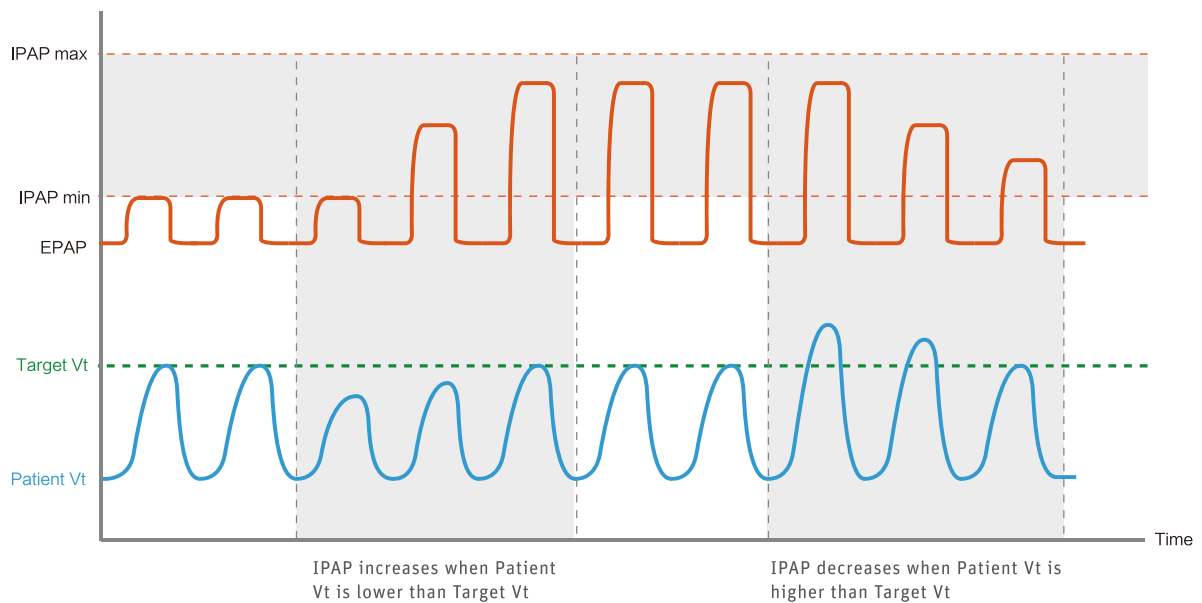


Target Tidal Volume Function

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





PM2.5 filter box

Extra sensitive users can filter finer dust and allergens with the PM2.5 filter box.

SpO₂ sensor

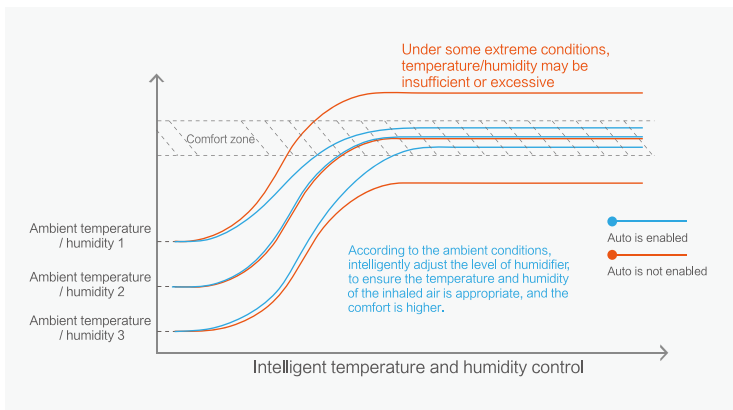
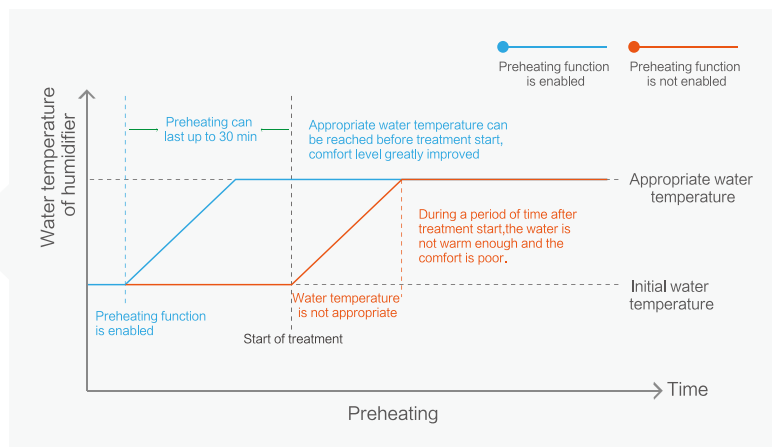




Intelligent comfort features

Pre-heat

G3 B30VT has a pre-heat feature, to warm your humidifier water up for ultimate comfort during cold, dry weather.



Intelligent Auto Humidity control

Intelligent Auto Humidity control allows G3 B30VT maximum moisture while ensuring rain out in the tubing is not an issue.

Inspiratory / Expiratory sensitivity

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



Ultra modern design with a user friendly interface

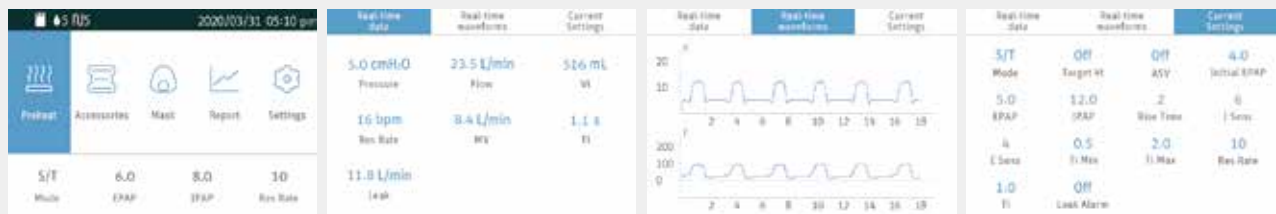


All new humidifier design keeps the G3 B30VT compact and attractive.

Innovative PUSH water chamber is simple to use.



Humanized UI Design



Accessories replacement reminder

Accessories replacement reminder and reminder cycle can be set for mask, air tubing and air filter, so that the consumables can be replaced regularly in time to ensure a better therapy effect.



Therapy	Comfort	Alarm	Maintenance
Alert Log			
Low Pressure		4.0 cmH ₂ O	
High Pressure		30.0 cmH ₂ O	
Low RR		6 bpm	

Alarms to make therapy reliable

Various visual and auditory alarming - Leak, High/Low RR, High/Low Pressure, Low Minute Ventilation, Power Failure, etc.

Powerful data transfer / retrieval solution



SD Card



Cellular



WiFi



iCode / iCode QR /
iCode QR+

Various way of Sleep Report review

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

Complete optional accessories

G3 B25VT / B30VT adopts a series of complete accessories to meet different usage scenarios



SpO₂ Kit



Cellular / WiFi Module



DC/DC Converter



Power Bank



Integrated Heated Tubing



PM2.5 Filter Box

*Some parts are not produced by BMC

Specifications

Model Comparison

Model	Pressure	Screen	Mode
G3 B25VT	4-25hPa	3.5-inch	S/T, S, T, CPAP
G3 B30VT	4-30hPa	3.5-inch	S/T, S, T, CPAP

Device Size

Dimensions (L x W x H): 265 mm × 145 mm × 114 mm

Weight: 1.7 kg

Water capacity: To maximum fill line 360 mL

Heated Humidifier

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

Humidifier Output: No less than 15 mg H₂O/L

Sound Pressure Level

< 26 dB, when the device is working at the pressure of 10 hPa.

Data Transfer

Cellular Module, WiFi

Data Storage

On board: Summary data, all the time;

Detailed airflow data, 1 day.

SD card: Summary data, all the time;

Detailed airflow data, 546 hours.

Key Parameters

Target Vt: On/ Off,
150~1500 mL

I Sens.: 1~8

E Sens.: 1~8

Rise Time: 1~4

Res Rate: 3~40 BPM

Ti: 0.3-3.0 s

SpO₂: 0 to 100%

Pulse Rate: 40 to 240 BPM



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