



Auto CPAP System

**G3 A20**

G3 A20 is an auto-adjusting CPAP (Continuous Positive Airway Pressure) device for patients with Sleep Apnea.

Intelligent device  
knows you better

family cares



# Ultra modern design with a user friendly interface

All new humidifier design keeps the G3 A20 compact and attractive.



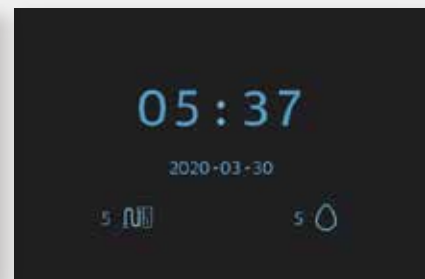
Innovative PUSH water chamber is simple to use.



Water can be added without removing the water chamber for ease of use.

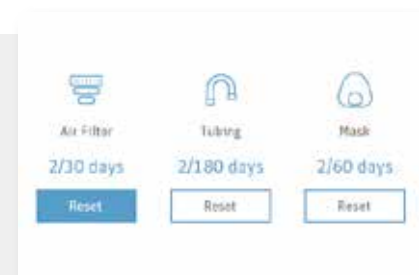


## Humanized UI Design



### 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.

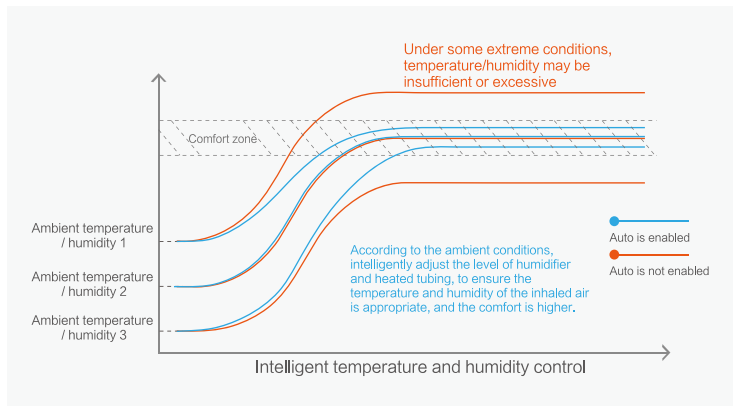
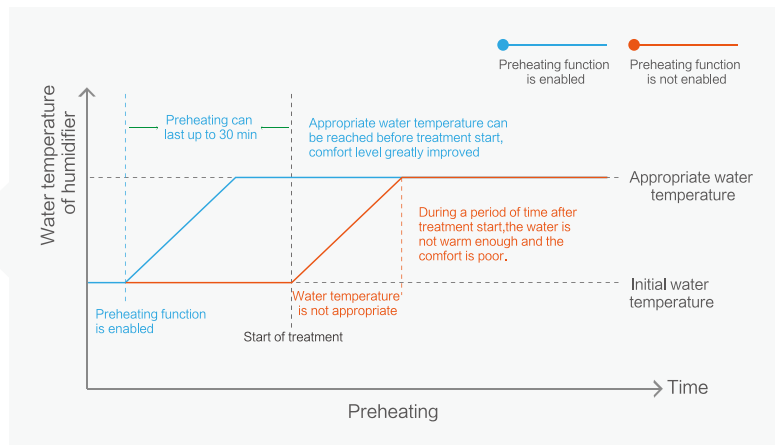




# Intelligent comfort features

## Pre-heat

G3 A20 has a pre-heat feature, to warm your humidifier water up for ultimate comfort during cold, dry weather.



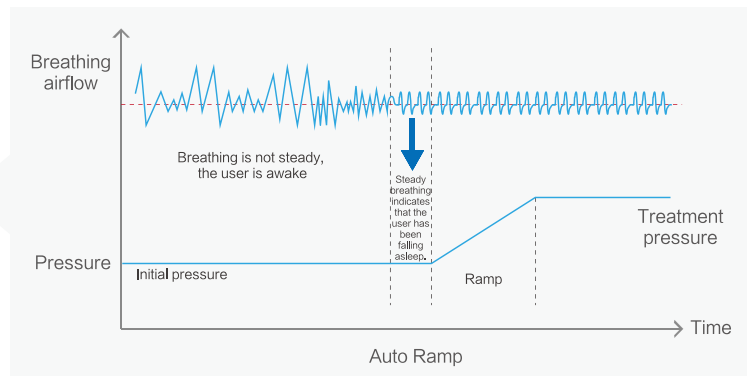
## Integrated heated tubing with intelligent Auto Humidity control

Integrated heated tubing with intelligent Auto humidity control allows G3 to maintain maximum moisture while avoiding condensate water.



### Auto Ramp

New auto ramp feature senses when the user falls asleep and will adjust ramp time appropriately.

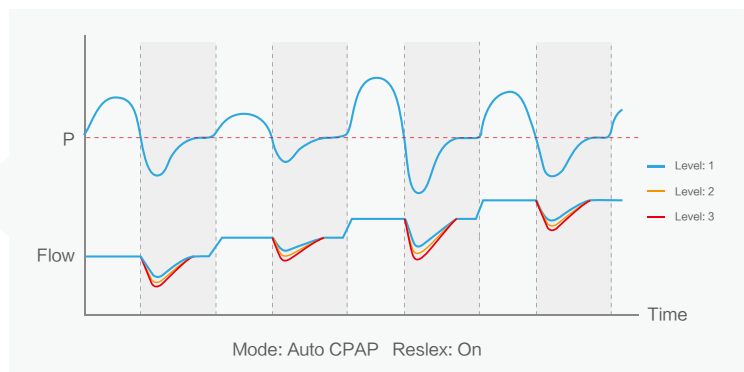


### Excellent silence performance

BMC uses multi-stage noise reduction technology to ensure noise performance under 26 dB.

### Reslex

The device are able to detect the expiratory phase of each breath, and automatically reduce the pressure at different level according to the Reslex setting, to help the user to breath out easily, and increase the comfort.

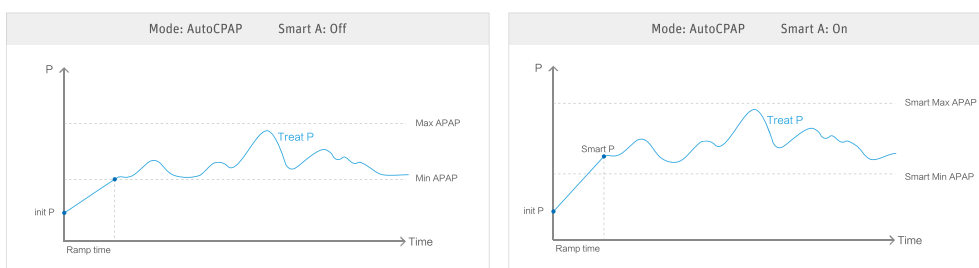




# Efficiencies in Therapy

## Smart A -Intelligent Pressure Adjusting Technology

G3 A20 can automatically adjust treatment plan based on changes in patient needs. Care is closer to you with reduced costly visits.

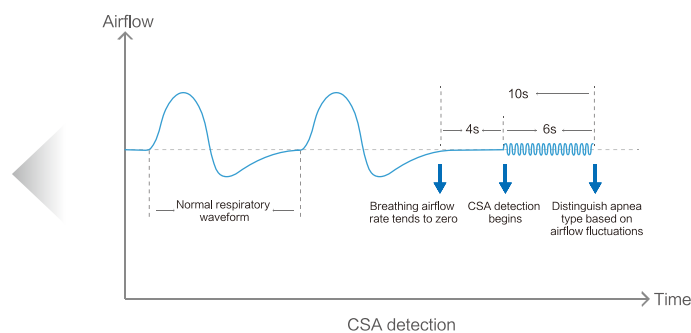


### • Smart A (AutoCPAP)

- Provides optimal starting pressure (Smart P) to reduce the residual events at the beginning of therapy due to insufficient pressure level.
- Optimizes Minimum and Maximum Pressure in the treatment plan based on P95 and P50 over a moving 5-day window.

## CSA detection

G3 uses oscillating wave technology to determine which type of apneas are best treated with changes in airflow and pressure.



### PM2.5 filter box

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

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

## Complete optional accessories

G3 A20 adopts a series of complete accessories to meet different usage



SpO<sub>2</sub> Kit



Cellular / WiFi Module



DC/DC Converter



Power Bank



Integrated Heated Tubing



PM2.5 Filter Box

# Specifications

## Model Comparison

Model	Pressure	Screen	Mode
G3 A20	4 - 20 hPa	3.5-inch	Auto CPAP, 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 H<sub>2</sub>O/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

Smart A: On/ Off

Reslex: Patient, Off, 1~3

Ramp Time:

0 to 60 minute, Auto

Sensitivity: 1~5

SpO<sub>2</sub>: 0 to 100%

Pulse Rate: 40 to 240 BPM



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