BMC

G3 C20 | G3 A20

Intelligent device knows you better

https://en.bmc-medical.com

CPAP / APAP

FDA Certified
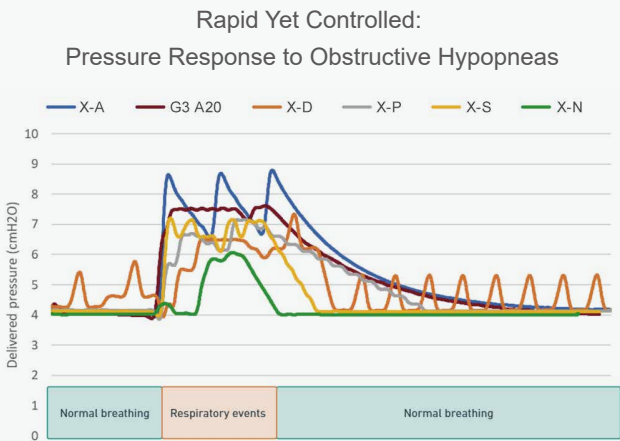## U.S. Food and Drug Administration

The only Chinese company with FDA approval and active sales in the United States.
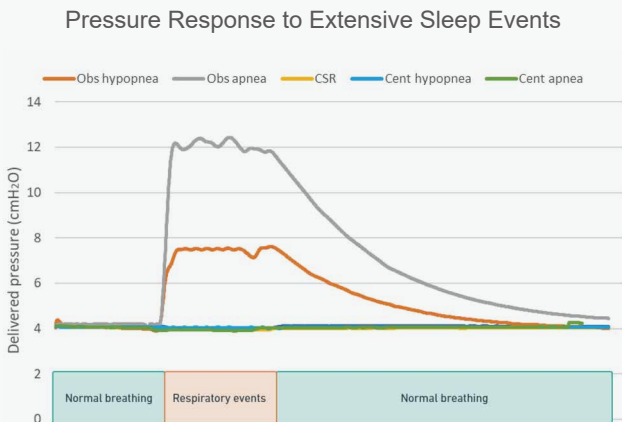
Trusted Performance   Tailored Comfort

Higher Treatment Efficacy with Lower Pressure Burden

- Delivers market-leading efficacy in correcting obstructive apneas and hypopneas.
- Achieves clinical targets with lower peak pressures, improving comfort and adherence.
- Precisely distinguishes extensive respiratory events to make corresponding pressure strategies, resolving unique issues for each individual.

Rapid Yet Controlled:
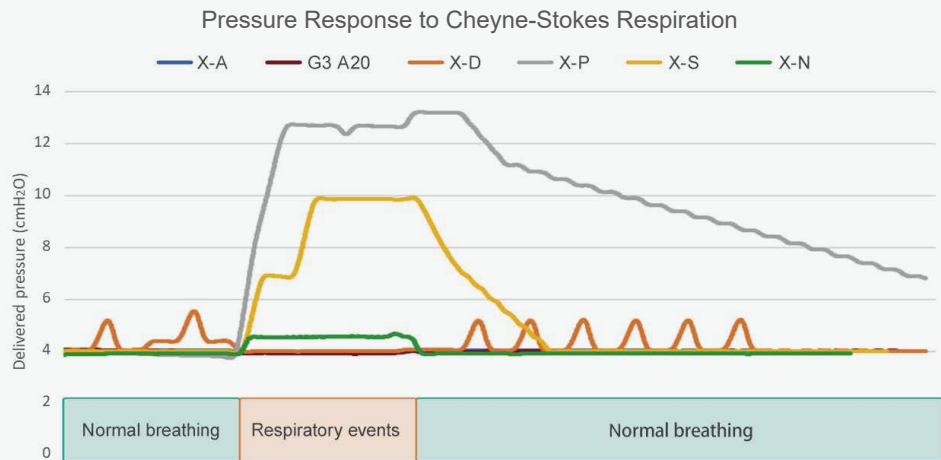Pressure Response to Obstructive Hypopneas

G3 stands out by delivering a prompt but measured response to obstructive hypopneas without overshooting—correcting events effectively while maintaining patient comfort.

Pressure Response to Extensive Sleep Events

G3 accurately detects a wide range of respiratory events and delivers targeted pressure adjustments exclusively for obstructive events.

Industry-Leading Accuracy in Event Detection

- Enables targeted therapy with 100% detection of central apneas, hypopneas, and Cheyne-Stokes respiration (CSR), validated in independent third-party testing.
- Maintains therapy performance with a consistently high event correction rate, even during leaks.
- Blocks inappropriate pressure increases during central events, avoiding sleep disruptions and treatment emergent CSA.
- Accurately classifies mild/moderate/severe flow limitations with graded pressure responses, preventing progression into apneas and hypopneas.

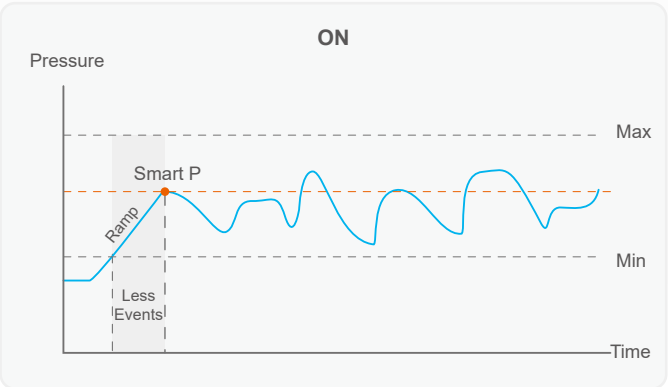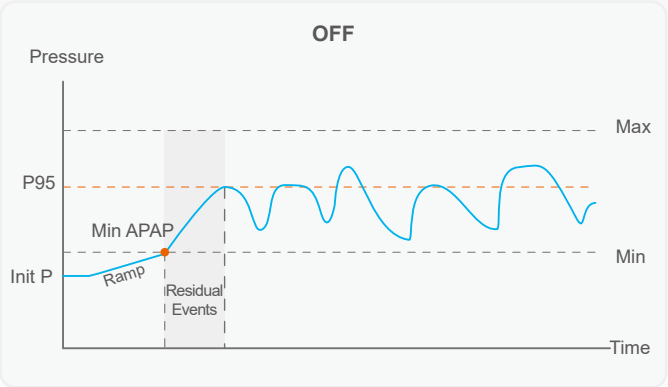Pressure Response to Cheyne-Stokes Respiration

G3 correctly flags Cheyne-Stokes respiration (CSR) and prevents unnecessary pressure increases.

*Source: Data on file. Bench testing performed by KerNel Biomedical, Rouen, France (2025).
Evaluation compared auto-adjusting PAP devices and assessed their responsiveness to simulated sleep events on a test bench.
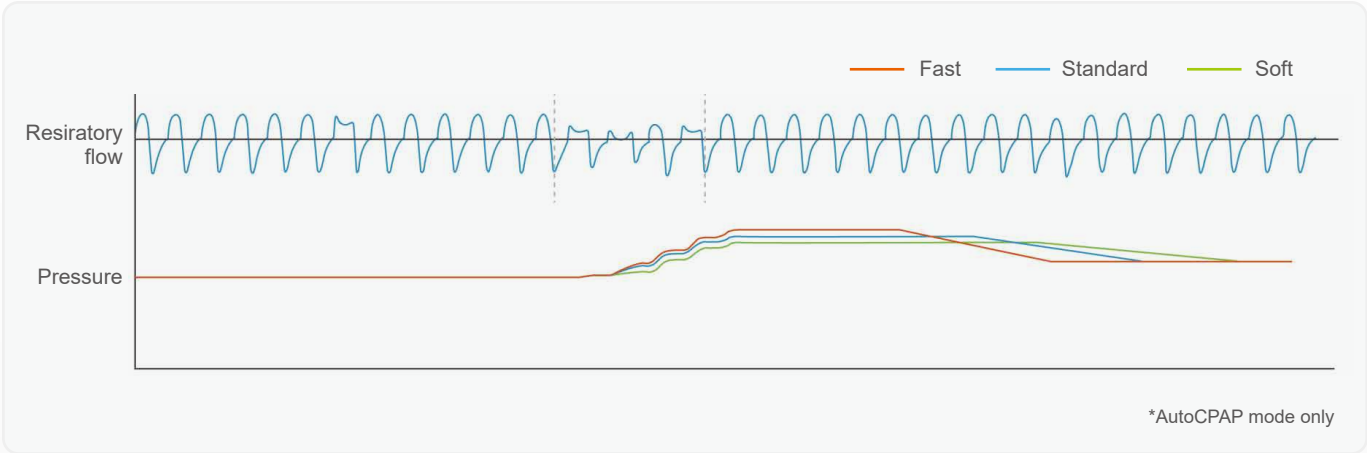
Your Personalized Sleep Therapy

Hidden Doctor Assistant - Smart Adaptive Algorithm

- Dynamically adapts to an ideal starting pressure after ramp, based on data from your last 5 effective treatment days, reducing the risk of residual events emerging at the start of treatment

- Continuously optimizes minimum and maximum pressure thresholds throughout long-term therapy to accommodate weight or health fluctuations, reducing clinical visits while maintaining treatment efficacy

OFF

Pressure

Max

P95

Min APAP

Init P

Ramp

Residual Events

Min

Time

ON

Pressure

Max

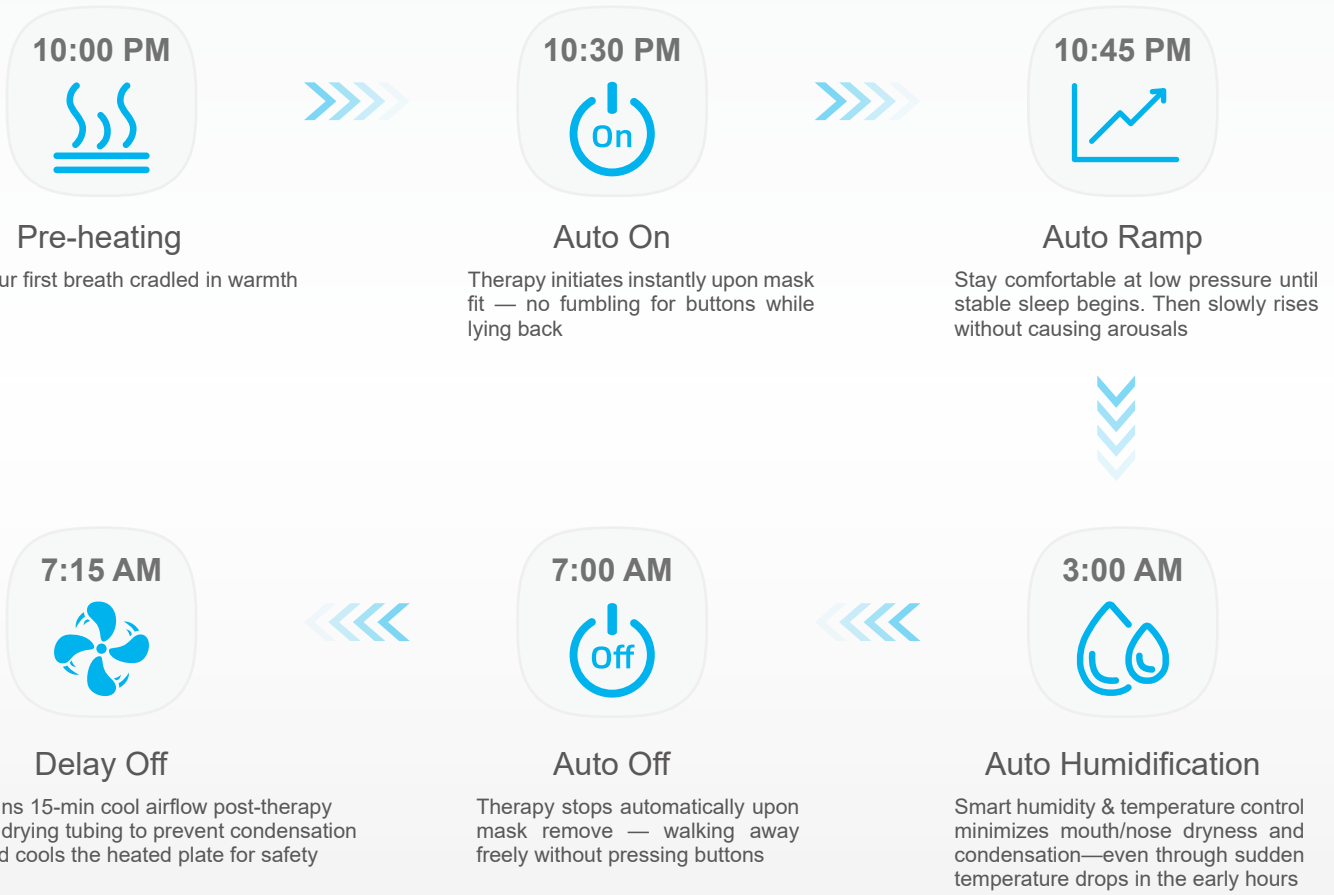Smart P

Ramp

Less Events

Min

Time

Matching different user sensitivities - 3-Level Pressure Response

- 3-Level pressure response (Fast/Standard/Soft) adapts to all OSA severity levels and pressure tolerances

- The SOFT option is ideal for pressure-sensitive patients and women— its gentle, gradual pressure transitions minimize discomfort to enhance therapy adherence.

- The FAST option is designed for patients with severe OSA and elevated BMI—delivering rapid pressure response to arrest respiratory events for higher efficacy
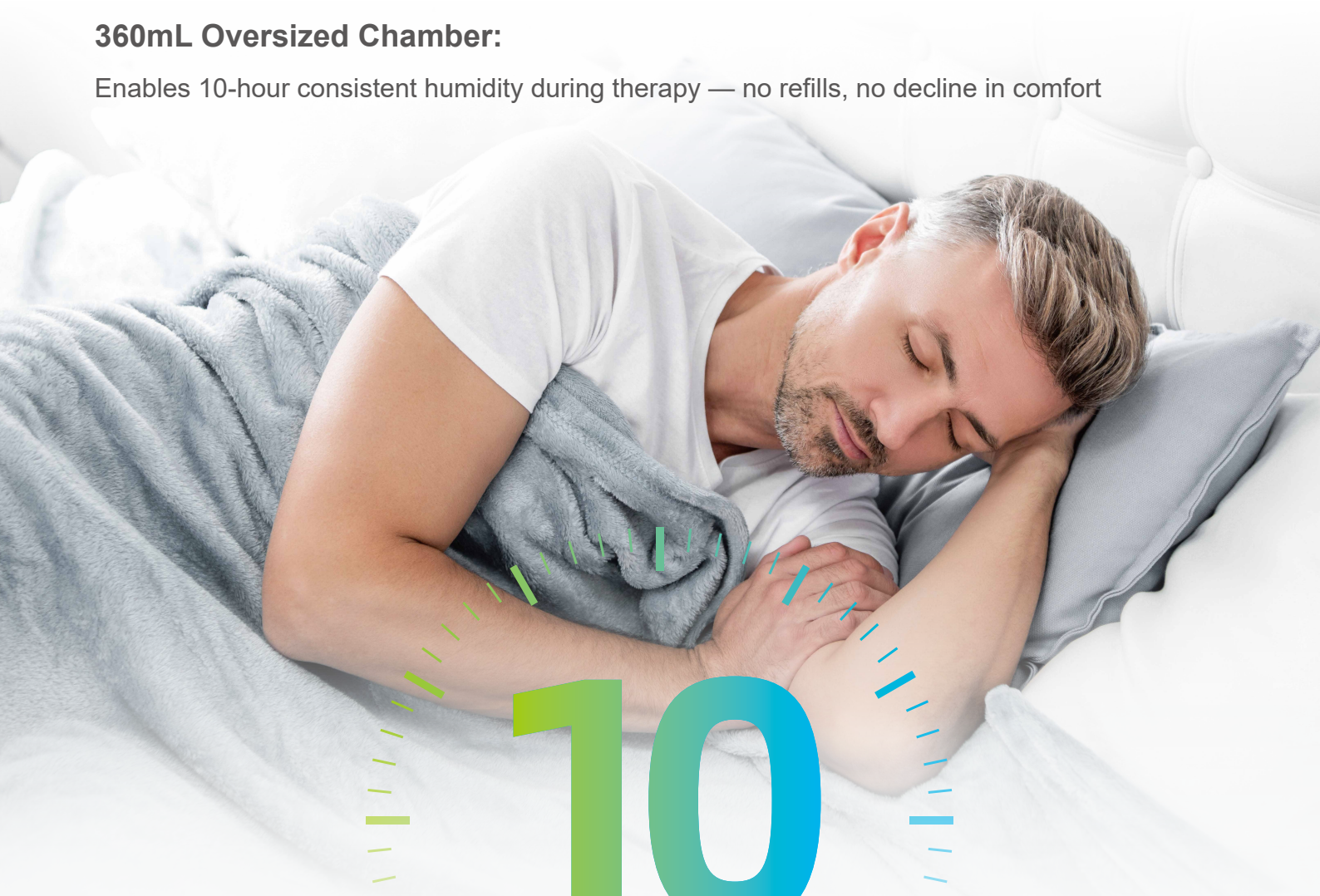
Fast — Standard — Soft

Resiratory flow

Pressure

*AutoCPAP mode only

Warm to Soft   Automated Care from Dusk to Dawn

10:00 PM

Pre-heating
Your first breath cradled in warmth

10:30 PM
On

Auto On
Therapy initiates instantly upon mask fit — no fumbling for buttons while lying back

10:45 PM

Auto Ramp
Stay comfortable at low pressure until stable sleep begins. Then slowly rises without causing arousals

7:15 AM

Delay Off
Runs 15-min cool airflow post-therapy — drying tubing to prevent condensation and cools the heated plate for safety

7:00 AM
Off

Auto Off
Therapy stops automatically upon mask remove — walking away freely without pressing buttons

3:00 AM

Auto Humidification
Smart humidity & temperature control minimizes mouth/nose dryness and condensation—even through sudden temperature drops in the early hours

Strong Humidification   All Night Moisture

360mL Oversized Chamber:

Enables 10-hour consistent humidity during therapy — no refills, no decline in comfort

10 hours

360 mL

+

Water Chamber with
Large Capacity

Smart Control of
Humidity & Temperature

Last for 10 hours

*Tested with Room temperature: 25°C, Ambient humidity: <20%, Humidity setting: Level 3

Push-Push Water Chamber   Effortless Daily Refills

- **Easy remove with a simple palm press**

  Ideal for users with limited finger strength

- **Compact bedside fit**

  Lift-up removal saves side space vs.
  traditional pull-out designs

- **Extra-wide fill port**

  Spill-resistant design for mess-free refilling

Data-Driven Cloud Management
From Compliance to Confidence

PAP Link Digital Health solution, comprising Web, PC and APP versions, provides you with a complete set of tools to increase efficiencies by streamlining workflows, drive better patient outcomes through systematic management, and boost their therapy comfort.

For Clinicians

Precision Treatment at Your Fingertips

Remotely fine-tune settings during tricky first weeks, delivering personalized therapy to accelerate comfort and build confidence

For Distributors

Data-Driven Patient Advocacy

Cloud analytics spotlight compliance trends, enabling proactive interventions for at-risk patients;
Automated reimbursement-ready reports streamline paperwork with one-click exports;

For Patients

Therapy Insights, Anytime Anywhere

Nightly reports with smart interpretations and personalized coaching tips, empowering self-management for better sleep

PAP Link App

Download on the **App Store**

GET IT ON **Google Play**

Download App

2015
Started from year

100+
Countries covered

1,300,000+
Registered patients

HCP Organizations

Clinics / Hospitals

PAP Link PC / Web / App

BMC Devices

Parameters Setting

Data Transfer

Data Monitoring

Reports

Healthcare Professionals

Patients

PAP Link Digital Health Solution
Linking Care, Empowering Lives

Accessories

AF-D1 Black
Air Filter

Black
Air Filter Cover

PF-D1 Black
PM 2.5 Filter

LH1 19mm
Heated tubing

SP-100
SpO₂ kit (Main Device)

SOO1OB-S
Oximeter Sensor (Finger Clip)

SOO26N-L
Oximeter Sensor (Disposable)

WT-D1
Water Chamber

CC-D1
Carrying Case

Power Adapter

Power Cable

SD Card

Specifications

	G3 C20	G3 A20
Work Mode	CPAP	CPAP, AutoCPAP
Pressure Range	4 to 20 hPa	4 to 20 hPa

Prescription Guideline

	G3 C20	G3 A20
Smart Adaptive	SmartC	SmartC, SmartA
Pressure Response	/	Fast, Standard, Soft

Comfort Functions

Pre-heating	Support; 30 min countdown (can stop at any time)
Ramp	Auto, 0-60 minutes
Reslex	Off, Level 1 - 3
Auto On/Off	Support
Humidification	Auto, Level 1 - 5; Heated tubing (Optional)

Device Information

Dimensions	265 mm × 145 mm × 114 mm (L x W x H)
Weight	1.7 kg
Sound Pressure Level	28±2 dB(A)
Water capacity	360±30 mL
Humidifier Output	>12 mg H_2O/L

Data Communication

Data Transfer	SD Card, iCode QR, iCode QR+, Cellular Module, WiFi Module
Internal Storage	Summary data: up to 512 days Detailed data: up to 12 hours
SD Card Storage	Summary data: all the time Detailed data: up to 70 days (at 8 hours of daily use)