

RESmart GII Sleep Lab System

Easier and more effective for both sleep labs and patients.

The RESmart GII Sleep Lab Titration System includes the **RESmart GII BPAP System (Y-30AT)**, **Wi-Fi Kit (WL-100)** and **ResCare LAB Software**. It is intended to be used in sleep labs for treatment and titration of patients with Sleep Apnea and/or Respiratory Insufficiency.



RESmart GII BPAP System (Y-30AT) and Wi-Fi Kit (WL-100) / SpO₂ & Wi-Fi Kit (SW-100)

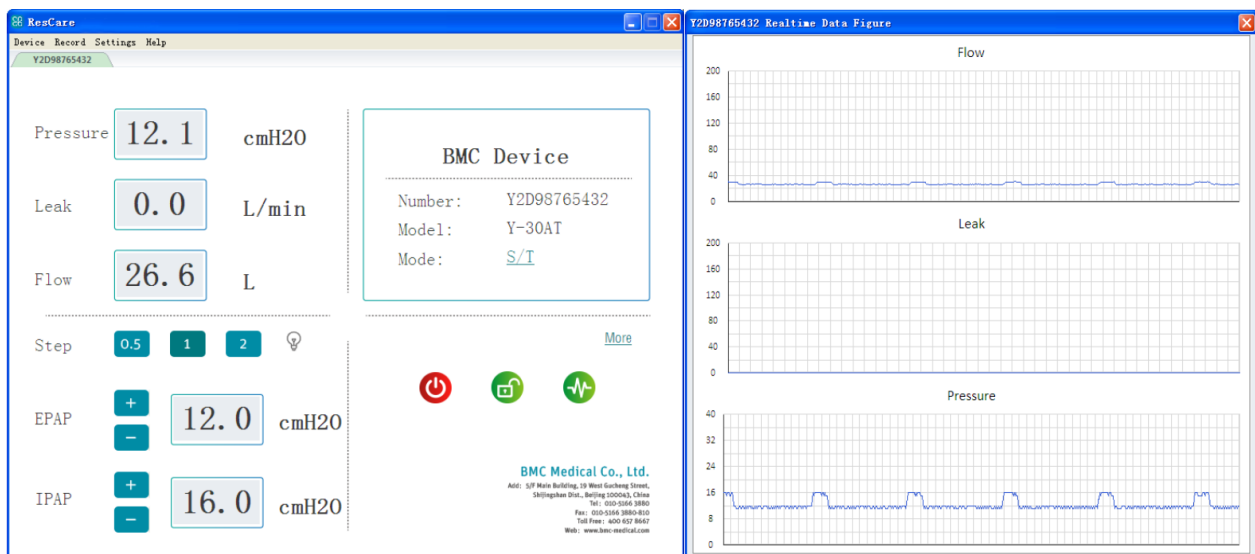
Y-30AT is an all-in-one device which can work under all working modes and includes all the features and parameters for different kinds of patients. The Wi-Fi Kit is for connecting the Y-30AT system into the local network with the ResCare LAB software.

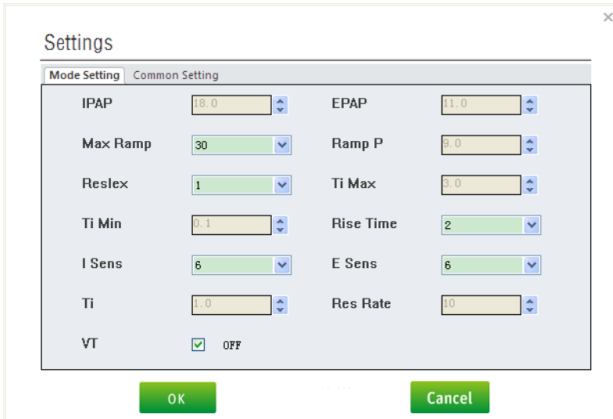


ResCare LAB Software

ResCare LAB Software can remotely control Y-30AT device on PC.

- Small but powerful
- Change the device therapy settings remotely
- Pressure titration step can be adjusted
- The working mode can be switched without interruption
- Real-time display the parameters from the device
- Real-time display of waveforms



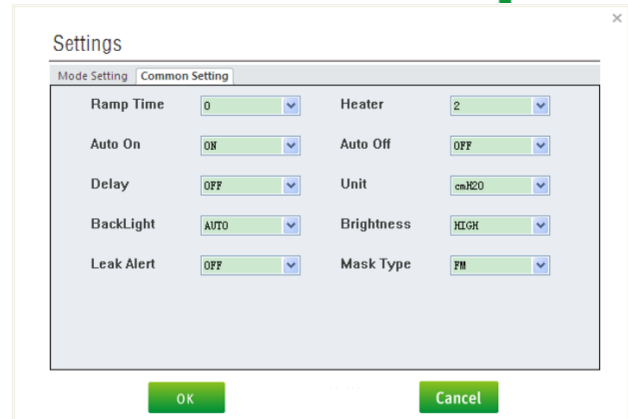


Settings

Mode Setting | Common Setting

IPAP	18.0	EPAP	11.0
Max Ramp	30	Ramp P	9.0
Reslex	1	Ti Max	3.0
Ti Min	0.1	Rise Time	2
I Sens	6	E Sens	6
TI	1.0	Res Rate	10
VT	<input checked="" type="checkbox"/> OFF		

OK Cancel



Settings

Mode Setting | Common Setting

Ramp Time	0	Heater	2
Auto On	ON	Auto Off	OFF
Delay	OFF	Unit	cmH2O
BackLight	AUTO	Brightness	HIGH
Leak Alert	OFF	Mask Type	FM

OK Cancel

Specifications (Y-30AT)

Dimensions (L × W × H, mm)	170 × 180 × 118 290 × 180 × 134 (with Humidifier)
Weight (kg)	1.5 2.5 (with Humidifier)
Mode of Operation	Continuous
Work Mode	CPAP, Auto CPAP, S, Auto S, S/T, T
Pressure Range	CPAP: 4.0 - 20.0 cmH ₂ O Auto CPAP: 4.0 - 20.0 cmH ₂ O IPAP: 4.0 - 30.0 cmH ₂ O EPAP: 4.0 - 25.0 cmH ₂ O
Pressure Display Accuracy	± (0.8 cmH ₂ O + 4%)
Static Pressure Stability	± 0.5 cmH ₂ O
Ramp Time	0 - 60 minutes
AC Power Consumption	100 - 240 V AC, 2 - 1 A, 50/60 Hz
Main Device offer to USB Communications Port	5 V DC, 2.0 A
Main Device offer to Humidifier	24 V DC, 1.5 A
Sound Pressure Level	< 30 dB, when the pressure at 10 cmH ₂ O
Sound Power Level	< 38 dB, when the pressure at 10 cmH ₂ O
SpO₂	Range: 0 - 100% The margin of error for SpO ₂ between 70% and 100% is ± 3%. No strict accuracy requirements for SpO ₂ below 70%.
Pulse Rate	Range: 40 - 240 BPM Margin of Error: ± 1%
Wavelengths	Red: 663 nanometers Infrared: 890 nanometers
Maximal Optical Output Power	Less than 1.5 mW maximum average
Tube	Length: 6 ft. (1.83 m)



The Form and the Dimensions of the Patient Connection Port	The 22 mm conical air outlet complies with ISO 5356-1
Type of Protection against Electric Shock	Class II Equipment
Degree of Protection against Electric Shock	Type BF Applied Part
Degree of Protection against Ingress of Water	IP22
Operating temperature	5°C to 35°C (41°F to 95°F)
Transport / storage temperature	-25°C to 70°C (-13°F to 158°F)
Operating / transport / storage humidity	15% to 93% non-condensing
Operating / transport / storage air pressure	760 - 1060 hPa
Water capacity for humidifier water chamber	350 mL at recommended water level
Heater Settings for Humidifier	1 to 5 (95°F to 167°F / 35°C to 75°C)
Maximum Operating Pressure	40 cmH ₂ O
Pressure Drop with Humidifier	< 0.4 cmH ₂ O at 60 LPM flow
Humidifier Performance	Humidity Output: No less than 10 mg H ₂ O/L Environmental Conditions: Maximum airflow, 35°C, 15% relative humidity
Maximum Delivered Gas Temperature	< 43°C

Specifications for Wi-Fi Kit (WL-100) / SpO₂ & Wi-Fi Kit (SW-100)

Dimensions (L × W × H, mm)	76 × 31 × 69 (without antenna)
Weight	Wi-Fi Kit: 78 g SpO ₂ & Wi-Fi Kit: 132 g
Operating Voltage	5 V DC
Working Current	500 mA
FCC ID	AZY-HF-LPT200

Product Codes

RESmart GII BPAP System (Y-30AT)	10240326
Heated Humidifier (H60)	10400004
Wi-Fi Kit (WL-100)	10410011
SpO ₂ & Wi-Fi Kit (SW-100)	10410010

Specifications are subject to change without notice.