Product Features

More than 20 years expertise in respiratory research guarantees a superior CPAP.

AEONMED contributes to study and development of respiratory medical equipments, with numerous Intellectual Properties in respiratory field and professional customers all over the world.

The AS100 series sleep apnea CPAP/Auto CPAP devices are designed higher quality and better performance.



Super smooth shifts between inspiration and expiration

AS100's unique tracking system follows every breath and ensures a high precision and comfort treatment experience.

AS-Dry technology

Every time after treatment with humidification, AS100 turbine blows at a lower speed to cool down the whole airway and water tank. The AS-Dry technology keeps a dry environment and protects the device against moisture. Furthermore, the dry environment reduces the bacterial breeding and keeps a healthy treatment to user.

Intelligent identifying CSA avoids improper pressure rise.

Use traditional CPAPs without CSA detection may exacerbate CSA. AS100A identifies CSA and OSA, thus reduces the improper pressure rise which may cause severe effect to patient.

Real-time manual titration

AS100 provides manual titration function, which enables the doctor to finish clinical titration process without stopping the treatment.

CPAP and Auto CPAP for your choice

AS100C Standard CPAP provides a precise treatment pressure for patient.

AS100A Auto CPAP would adjust the treatment pressure according to the patient's breathing air flow and airway condition, ensuring both the effectiveness and comfort treatment experience.

AS-Elex expiration pressure release

AS-Elex provide 3 grades of pressure release during expiration, thus reduces the patient's discomfort, which effectively increases patient compliance .

Choose a Better Product for a Higher Quality Sleep

5 years data

3.5 inch

1.3 kg



3.5 inch touch screen design enables a better operation experience.

3.5 inch touch screen ensures a fashionable and high-tech view, simplifies operation and report review.



1.3 kg light and compact design easy for travel

Whole device weighs 1.3 kg, light and compact design, good choice for both home and travel use.

5 years data storage

AS100 SD card stores up to 5 years therapy data that is readable through PC software and on the screen.

P90 pressure data

By reviewing the therapy report on the device screen, the user is able to read the P90 pressure, AHI, SNI, Leak etc. Easy reading, easy reporting and easy setting.



Folded PM2.5 pollen filter with efficient filtering(Optional).

Up to 20cm2 PM2.5/ Pollen filter ensures an efficient filtering, provides superb clean air and ensures the health of patients. Also efficient dust filter protects the inner air way of the AS100 and prolongs the working life of the device.

Product Parameters

Basic Information	Type	Auto CPAP		CPAP
	Device model	AS100A		AS100C
	Working models	CPAP、Auto CPAP		CPAP
Functions	Identification of CSA	Yes		Yes
	Expiration pressure release	AS-Elex 1-3 level		AS-Elex 1-3 level
	Auto On/Off	Yes		Yes
	Leaking compensation	Yes		Yes
	Manual Titration	Yes		Yes
	Therapy data review through screen	P90, AHI, SNI, LEAK90, CAI, AI, Average pressure		P90, AHI, SNI, LEAK90, CAI, AI, Average pressure
	Therapy data recording	Therapy data recording up to 5 years, reading trough screen and PC software		Therapy data recording up to 5 years, reading trough screen and PC software
	PM2.5 /Pollen Filter	Folded PM2.5/Pollen filter(Unfolded area up to 20 cm2)		
	Mask leaking test	Yes		
	AS-Dry technology	30-min lower speed running of the blower keeps the device and tube dry		
	Alerts	Power down alert, leak alert, alarm clock, filter change alert, and customized alerts		
Main device parameters	Pressure	4-20cmH2O	Ramp	0-60min
	Dimensions	160 mm × 148 mm × 99.5 mm （Main device） 247 mm × 148mm × 99.5 mm (Humidifier included)		
	weight	Main device：0.88kg；incl. humidifier: 1.26kg		
	Noise	≤30dB	Screen	3.5 inch touch screen
	Adapter	100-240V AC，24V DC	Language	Chinese, English.
Humidification system	Function	Heated humidification, 5 levels to adjust, infrared communication with main device		
	Humidifier volume	300ml		

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Four Colors For Choice