



Hunan Ventmed Medical Technology Co., Ltd.

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Version: V1.5.260907

Product Catalogue

CPAP/APAP/BIPAP, PSG and Mask



Company Profile

Hunan Ventmed Medical Technology Co., Ltd. was established in 2013, R&D began in 2003. It is located in Shaoyang City, Hunan Province, China. Specialized in sleep monitoring and respiratory therapy products of R&D, production, sales and services, the main products are CPAP/APAP/BIPAP, medical ventilator, polysomnography (PSG) device and mask, chronic disease management service platform, etc. We adhere to independent innovation, have broken through a number of core technical barriers, and got more than 100 invention patents, intellectual property rights, scientific and technological achievements. Undertaking the key projects of national "Active Health" R&D plan and provincial & ministerial scientific research projects. Integrate the innovative resources of the respiratory diagnosis and treatment equipment industry, unite many domestic authoritative medical experts and scientific research technical experts from colleges and universities to set up a respiratory product technology research center, explore the application of AI + big data technology in the medical field, providing one-stop solution.

Certificates



MDR



ISO13485:2016



International Patents



International Patents


Madrid International
Trademark




Design for a better life

Natura Series CPAP/APAP



4.3" HD touch screen, clear respiratory data; 5th-Gen smart algorithm, millisecond real-time breathing tracking



Sponge-free airway design, no bacterial dead corners, for cleaner and safer breathing



Parameter interface and therapy waveforms displayed on a single screen, easy and intuitive to operate



Built-in humidifier and optional heated air tubing, stable temperature and humidity control



Three comfort levels: powerful, normal, soft, compatible with dual therapy modes: CPAP and AUTO



Multiple alarm prompts ensure treatment effectiveness

Specification

Model	Natura-20C-HM	Natura-20A-HM
		
Work Mode	CPAP	CPAP/ AUTO
Pressure Range	4 cmH ₂ O ~20 cmH ₂ O	4 cmH ₂ O ~20 cmH ₂ O
Tubing Heating Function		Optional
Mobile Network		Optional
Data Cloud Platform		Optional
Noise		≤22 dBA
Comfort Level	powerful, normal, soft (adjustable in CPAP & AUTO mode)	
Data Storage		TF Card
Screen (inch)	4.3" HD color touch screen	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Humidity Level	Heating and humidification, level 0-5 adjustable	
Ramp Time	0-60min	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Keypad Tone	ON/OFF	
Mask Fit	Support	
Alarm	Mask off, Suffocation, Pressure abnormality, Tubing abnormality	
Bluetooth Oximeter	Optional	
Power	Input: 100-240V~, 50/60Hz; Output: 24V=== 2.5A	
Dimensions (cm)	280 x 146.4 x 105.7mm (machine)	
Carton Dimensions (cm)	41L x 29W x 17.5H (1pc/carton)	
	41L x 32.5W x 30H (2pcs/carton)	
	48L x 41W x 30H (3pcs/carton)	
Weight(with humidifer)		



Design for a better life

Natura Series BIPAP



4.3" HD touch screen, clear respiratory data; 5th-Gen smart algorithm, millisecond real-time breathing tracking



Sponge-free airway design, no bacterial dead corners, for cleaner and safer breathing



Parameter interface and therapy waveforms displayed on a single screen, easy and intuitive to operate



Built-in humidifier and optional heated air tubing, stable temperature and humidity control



Three comfort levels: powerful, normal, soft, compatible with dual therapy modes: CPAP and AUTO



Multiple alarm prompts ensure treatment effectiveness

Specification

Model	Natura-25W-HM	Natura-30V-HM
		
Work Mode	CPAP/ AUTO/ Auto S/ S/ T/ ST	CPAP/ AUTO/ Auto S/ S/ T/ ST/ APCV
Expiratory Pressure	4 cmH ₂ O ~25 cmH ₂ O	4 cmH ₂ O ~30 cmH ₂ O
Inspiratory Pressure	4 cmH ₂ O ~25 cmH ₂ O	4 cmH ₂ O ~25 cmH ₂ O
Tubing Heating Function	Optional	
Mobile Network	Optional	
Data Cloud Platform	Optional	
Pressure Rise/Fall Time	100ms-900ms	
Pressure Difference	2cmH ₂ O ~10cmH ₂ O (Adjustable in Auto S work mode)	
Comfort Level	powerful, normal, soft (adjustable in CPAP & AUTO mode)	
I/E Ratio	10%-90%	
I/E Sensitivity	5 Levels	
Backup Rate	5bpm-60bpm, Step size 1bpm, Tolerance +1bpm	
Target Tidal Volume	200mL-1200mL, Step size 10mL	
Ramp Time	0-60min	
Noise	≤22 dBA	
Data Storage	TF Card	
Screen (inch)	4.3" HD color touch screen	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Humidity Level	Heating and humidification, level 0-5 adjustable	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Keypad Tone	ON/OFF	
Mask Fit	Support	
Alarm	Mask off, Suffocation, Pressure abnormality, Tubing abnormality	
Bluetooth Oximeter	Optional	
Power	Input: 100-240V~, 50/60Hz; Output: 24V === 3.33A	
Dimensions (cm)	280 x 146.4 x 105.7mm (machine)	
Carton Dimensions (cm)	41L x 29W x 17.5H (1pc/carton)	
	41L x 32.5W x 30H (2pcs/carton)	
	48L x 41W x 30H (3pcs/carton)	
Weight(with humidifer)		

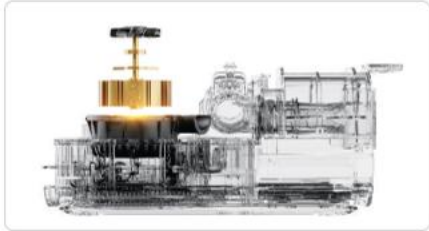


Design for a better life

Luna Series CPAP/APAP



4th-Gen intelligent algorithm, ultra-fast dynamic feedback, real-time adaptation to personal breathing rhythm



Sponge-free airway design, no bacterial dead corners, for cleaner and safer breathing



Parameter interface and therapy waveforms displayed on a single screen, easy and intuitive to operate



Built-in humidifier and optional heated air tubing, stable temperature and humidity control



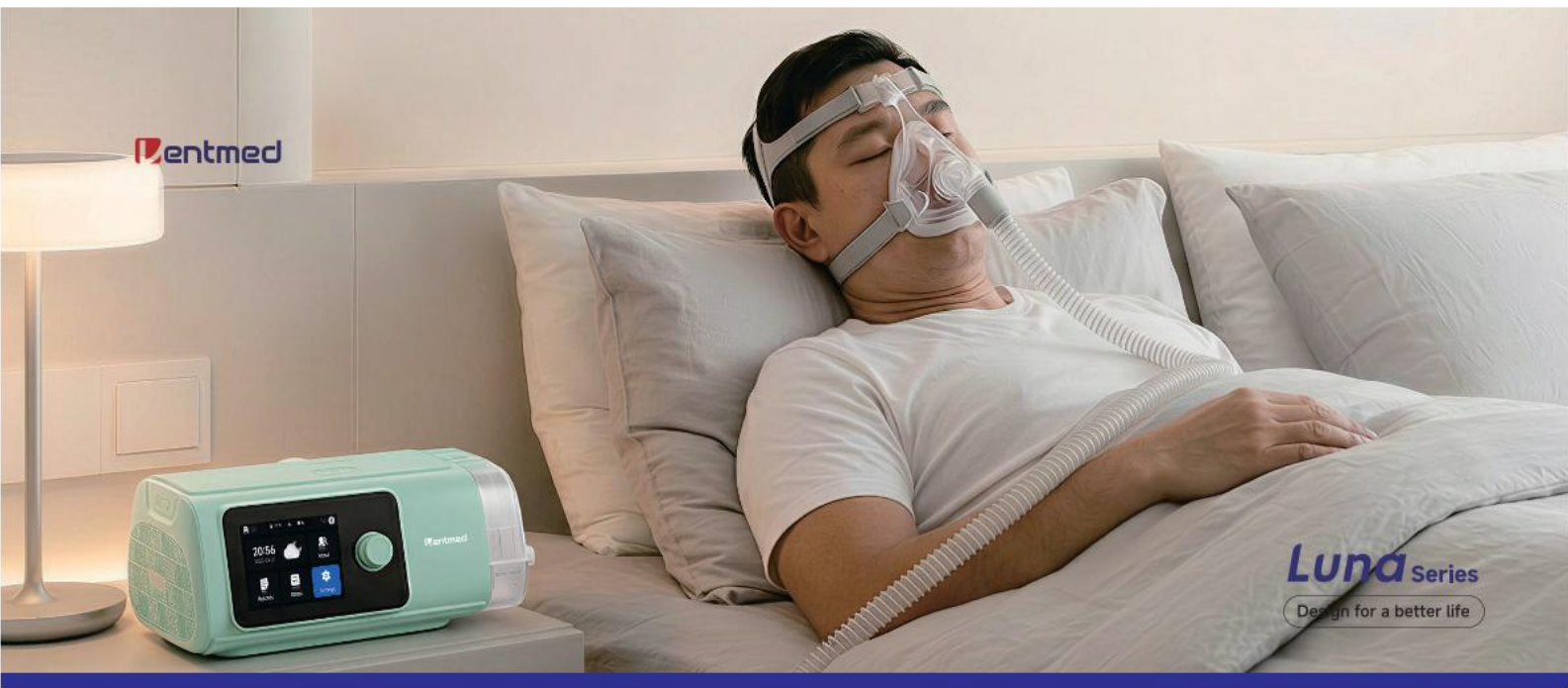
3 adjustable speed levels, compatible with dual therapy modes: CPAP and AUTO



Multiple alarm prompts ensure treatment effectiveness

Specification

Model	Luna-20C-HM	Luna-20A-HM
Work Mode	CPAP	CPAP/ AUTO
Pressure Range	4 cmH ₂ O ~20 cmH ₂ O	4 cmH ₂ O ~20 cmH ₂ O
Tubing Heating Function	Optional	
Wi-Fi Connection	Optional	
Data Cloud Platform	Optional	
Noise	≤22 dBA	
Comfort Level	1-3 speed levels (adjustable in CPAP & AUTO mode)	
Data Storage	TF Card	
Screen (inch)	3.5 inch color display	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Humidity Level	Heating and humidification, level 0-5 adjustable	
Ramp Time	0-60min	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Keypad Tone	ON/OFF	
Alarm	Mask off, Suffocation, Pressure abnormality, Tubing abnormality	
Bluetooth Oximeter	Optional	
Power	Input: 100-240V~, 50/60Hz; Output: 24V=== 2.5A	
Dimensions (cm)	28*14.6*11.4cm (machine)	
Carton Dimensions (cm)	37L*19.5W*28H (1pc/carton)	
	38L*37W*28H (2pcs/carton)	
	57L*37W*28H (3pcs/carton)	
Weight(with humidifer)	4.16Kg (1pc/carton)	
	7.42Kg (2pcs/carton)	
	10.58Kg (3pcs/carton)	

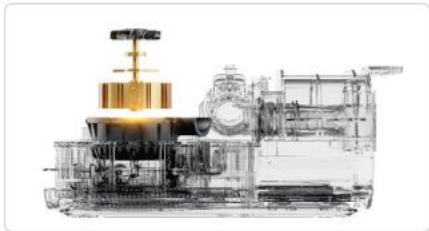


Design for a better life

Luna Series BIPAP



4th-Gen intelligent algorithm, ultra-fast dynamic feedback, real-time adaptation to personal breathing rhythm



Sponge-free airway design, no bacterial dead corners, for cleaner and safer breathing



Parameter interface and therapy waveforms displayed on a single screen, easy and intuitive to operate



Built-in humidifier and optional heated air tubing, stable temperature and humidity control



3 adjustable speed levels, compatible with dual therapy modes: CPAP and AUTO



Multiple alarm prompts ensure treatment effectiveness

Specification

Model	Luna-25W-HM	Luna-30V-HM
Work Mode	CPAP/ AUTO/ Auto S/ S/ T/ ST	CPAP/ AUTO/ Auto S/ S/ T/ ST/ APCV
Expiratory Pressure	4 cmH ₂ O ~25 cmH ₂ O	4 cmH ₂ O ~30 cmH ₂ O
Inspiratory Pressure	4 cmH ₂ O ~25 cmH ₂ O	4 cmH ₂ O ~25 cmH ₂ O
Tubing Heating Function	Optional	
Wi-Fi Connection	Optional	
Data Cloud Platform	Optional	
Pressure Rise/Fall Time	100ms-900ms	
Pressure Difference	2cmH ₂ O ~10cmH ₂ O (Adjustable in Auto S work mode)	
Comfort Level	1-3 speed levels (adjustable in CPAP & AUTO mode)	
I/E Ratio	10%-90%	
I/E Sensitivity	5 Levels	
Backup Rate	5bpm-60bpm, Step size 1bpm, Tolerance +1bpm	
Target Tidal Volume	200mL-1200mL, Step size 10mL	
Ramp Time	0-60min	
Noise	≤22 dBA	
Data Storage	TF Card	
Screen (inch)	3.5 inch color display	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Humidity Level	Heating and humidification, level 0-5 adjustable	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Keypad Tone	ON/OFF	
Alarm	Mask off, Suffocation, Pressure abnormality, Tubing abnormality	
Bluetooth Oximeter	Optional	
Power	Input: 100-240V~, 50/60Hz; Output: 24V === 3.33A	
Dimensions (cm)	28*14.6*11.4cm (machine) 37L*19.5W*28H (1pc/carton)	
Carton Dimensions (cm)	38L*37W*28H (2pcs/carton) 57L*37W*28H (3pcs/carton)	
Weight(with humidifer)	4.16Kg (1pc/carton) 7.42Kg (2pcs/carton) 10.58Kg (3pcs/carton)	



Design for a better life

Aero Series CPAP/APAP



Auto-adjustable screen brightness
settable sleep time (1-60 minutes),
optional keypad tone



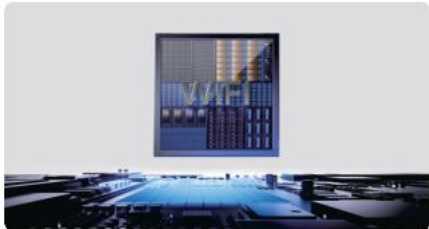
Sponge-free design for silencer to
protect respiratory health



Screen directly displays user datas,
Professional software accurately
generates sleep reports



Built-in humidifier and optional heated
air tubing, stable temperature and
humidity control



Wi-Fi Connection
Efficient data transfer, easy remote
management



Multiple alarm prompts ensure treatment
effectiveness

Specification

Model	Aero-20C-HM	Aero-20A-HM
		
Work Mode	CPAP	CPAP/ AUTO
Pressure Range	4 cmH ₂ O ~20 cmH ₂ O	4 cmH ₂ O ~20 cmH ₂ O
Tubing Heating Function		Optional
Wi-Fi Connection		Optional
Data Cloud Platform		Optional
Noise		≤22 dBA
Comfort Level		1-3 speed levels (adjustable in CPAP & AUTO mode)
Data Storage		TF Card
Screen (inch)		2.8 inch color display
Heating Tubing Temperature		10°C-30°C adjustable, step size 1°C
Humidity Level		Heating and humidification, level 0-5 adjustable
Ramp Time		0-60min
Preheat		ON/OFF
Flight Mode		ON/OFF
Keypad Tone		ON/OFF
Alarm		Mask off, Suffocation, Pressure abnormality, Tubing abnormality
Bluetooth Oximeter		Optional
Power		Input: 100-240V~, 50/60Hz; Output: 24V=== 2.5A
Dimensions (cm)		28*14.6*11.4cm (machine)
Carton Dimensions (cm)		37L*19.5W*28H (1pc/carton)
		38L*37W*28H (2pcs/carton)
		57L*37W*28H (3pcs/carton)
Weight(with humidifer)		4.16Kg (1pc/carton)
		7.42Kg (2pcs/carton)
		10.58Kg (3pcs/carton)

Aero Series

Design for a better life

Aero Series BIPAP



Auto-adjustable screen brightness
settable sleep time (1-60 minutes),
optional keypad tone



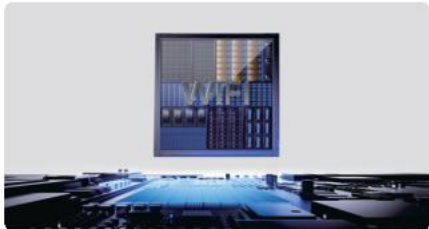
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air tubing, stable temperature and
humidity control



Wi-Fi Connection
Efficient data transfer, easy remote
management



Multiple alarm prompts ensure treatment
effectiveness

Specification

Model	Aero-25W-HM	Aero-30V-HM
		
Work Mode	CPAP/ AUTO/ Auto S/ S/ T/ ST	
Expiratory Pressure	4 cmH ₂ O ~25 cmH ₂ O	
Inspiratory Pressure	4 cmH ₂ O ~25 cmH ₂ O	
Tubing Heating Function	Optional	
Wi-Fi Connection	Optional	
Data Cloud Platform	Optional	
Pressure Rise/Fall Time	100ms-900ms	
Pressure Difference	2cmH ₂ O ~10cmH ₂ O (Adjustable in Auto S work mode)	
Comfort Level	1-3 speed levels (adjustable in CPAP & AUTO mode)	
I/E Ratio	10%-90%	
I/E Sensitivity	5 Levels	
Backup Rate	5bpm-60bpm, Step size 1bpm, Tolerance +1bpm	
Target Tidal Volume	200mL-1200mL, Step size 10mL	
Ramp Time	0-60min	
Noise	≤22 dBA	
Data Storage	TF Card	
Screen (inch)	2.8 inch color display	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Humidity Level	Heating and humidification, level 0-5 adjustable	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Keypad Tone	ON/OFF	
Alarm	Mask off, Suffocation, Pressure abnormality, Tubing abnormality	
Bluetooth Oximeter	Optional	
Power	Input: 100-240V~, 50/60Hz; Output: 24V === 3.33A	
Dimensions (cm)	28*14.6*11.4cm (machine)	
	37L*19.5W*28H (1pc/carton)	
	38L*37W*28H (2pcs/carton)	
Carton Dimensions (cm)	57L*37W*28H (3pcs/carton)	
	4.16Kg (1pc/carton)	
Weight(with humidifer)	7.42Kg (2pcs/carton)	
	10.58Kg (3pcs/carton)	

Air Series CPAP/APAP



TF Card



Air Filter x 5



User Manual



Nasal Mask



Heated Air Tubing (Optional)



Power Supply



Carrying Bag



Manually adjustable screen brightness, settable sleep time (1-60 minutes), optional keypad tone



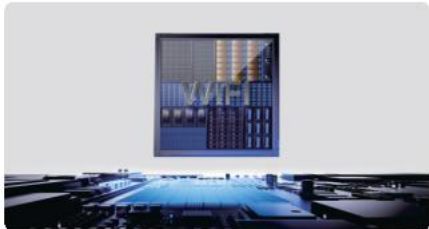
Sponge-free design for silencer to protect respiratory health



Screen directly displays user datas, Professional software accurately generates sleep reports



Built-in humidifier and optional heated air tubing, stable temperature and humidity control



Wi-Fi Connection Efficient data transfer, easy remote management



Multiple alarm prompts ensure treatment effectiveness

Specification

Model	Air-20C-HM	Air-20A-HM
Work Mode	CPAP	CPAP/ AUTO
Pressure Range	4 cmH ₂ O ~20 cmH ₂ O	4 cmH ₂ O ~20 cmH ₂ O
Tubing Heating Function	Optional	
Wi-Fi Connection	Optional	
Data Cloud Platform	Optional	
Noise	≤22 dBA	
Comfort Level	1-3 speed levels (adjustable in CPAP & AUTO mode)	
Data Storage	TF Card	
Screen (inch)	2.8 inch color display	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Humidity Level	Heating and humidification, level 0-5 adjustable	
Ramp Time	0-60min	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Keypad Tone	ON/OFF	
Alarm	Mask off, Suffocation, Pressure abnormality, Tubing abnormality	
Bluetooth Oximeter	Optional	
Power	Input: 100-240V~, 50/60Hz; Output: 24V=== 2.5A	
Dimensions (cm)	28*14.6*11.4cm (machine)	
Carton Dimensions (cm)	37L*19.5W*28H (1pc/carton)	
	38L*37W*28H (2pcs/carton)	
	57L*37W*28H (3pcs/carton)	
Weight (with humidifier)	4.1Kg (1pc/carton)	
	7.3Kg (2pcs/carton)	
	10.4Kg (3pcs/carton)	



Design for a better life

Air Series BIPAP



Manually adjustable screen brightness, settable sleep time (1-60 minutes), optional keypad tone



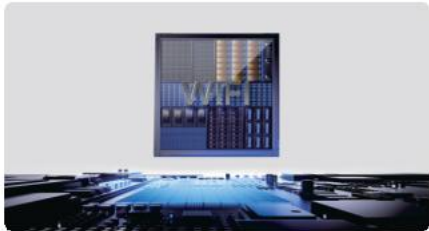
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Wi-Fi Connection
Efficient data transfer, easy remote management



Multiple alarm prompts ensure treatment effectiveness

Specification

Model	Air-25W-HM	Air-30V-HM
Work Mode	CPAP/ AUTO/ Auto S/ S/ T/ ST	CPAP/ AUTO/ Auto S/ S/ T/ ST/ APCV
Expiratory Pressure	4 cmH ₂ O ~25 cmH ₂ O	4 cmH ₂ O ~30 cmH ₂ O
Inspiratory Pressure	4 cmH ₂ O ~25 cmH ₂ O	4 cmH ₂ O ~25 cmH ₂ O
Tubing Heating Function	Optional	
Wi-Fi Connection	Optional	
Data Cloud Platform	Optional	
Pressure Rise/Fall Time	100ms-900ms	
Pressure Difference	2cmH ₂ O ~10cmH ₂ O (Adjustable in Auto S work mode)	
Comfort Level	1-3 speed levels (adjustable in CPAP & AUTO mode)	
I/E Ratio	10%-90%	
I/E Sensitivity	5 Levels	
Backup Rate	5bpm-60bpm, Step size 1bpm, Tolerance +1bpm	
Target Tidal Volume	200mL-1200mL, Step size 10mL	
Ramp Time	0-60min	
Noise	≤22 dBA	
Data Storage	TF Card	
Screen (inch)	2.8 inch color display	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Humidity Level	Heating and humidification, level 0-5 adjustable	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Keypad Tone	ON/OFF	
Alarm	Mask off, Suffocation, Pressure abnormality, Tubing abnormality	
Bluetooth Oximeter	Optional	
Power	Input: 100-240V~, 50/60Hz; Output: 24V === 3.33A	
Dimensions (cm)	28*14.6*11.4cm (machine) 37L*19.5W*28H (1pc/carton)	
Carton Dimensions (cm)	38L*37W*28H (2pcs/carton) 57L*37W*28H (3pcs/carton)	
Weight (with humidifier)	4.1Kg (1pc/carton) 7.3Kg (2pcs/carton) 10.4Kg (3pcs/carton)	



DF series Auto CPAP



- 22 dBA ultra-low noise
- Sponge-free design for silence box, protect healthy breathing
- Advanced noise-canceling technology, enjoy comfortable sleeping



- User data information showed on screen
- Professional software to generate sleep reports



- Various alarm prompts to protect the treatment effect of patients



- Built-in humidifier and optional heated air tubing
- Stable temperature and humidity control



- Optional GPRS/WIFI module for data transmission realize remote management



- Optional bluetooth oximeter
- Show SpO2 value on screen

Specification

Description	DF-20A-HM	DF-25S-HM
Work Mode	CPAP, AUTO	CPAP, AUTO, Auto S
Pressure Range	4cmH ₂ O-20cmH ₂ O, automatic adjustment	4cmH ₂ O-25cmH ₂ O, automatic adjustment
Expiratory Pressure	/	4cmH ₂ O-25cmH ₂ O
Inspiratory Pressure	/	4cmH ₂ O-25cmH ₂ O
Tubing Heating Function	Yes	
Mobile Network	Optional	
Data Cloud Platform	Optional	
Pressure Rise/Fall Time	/	100ms-900ms
I/E Sensitivity	/	5 levels
Pressure Difference	/	2cmH ₂ O-10cmH ₂ O
Ramp Time	0-60min	
Noise	≤ 22 dBA @10cmH ₂ O	
Data Storage	TF card, >5 years	
Screen (inch)	3.5 inch color display	
Humidity Level	Heating and humidification, level 1-5 adjustable	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Bluetooth Oximeter	Optional	
Alarm	Mask off, suffocation, pressure abnormality, tubing abnormality	
Power	Input: 100-240V~, 50/60Hz, 1.5A Max. Output: 24V = 3A	
Dimensions(cm)	26.68Lx17.25Wx11.85H(machine)	
Carton Dimensions(cm)	41L x 29W x 17.5H (1pc/carton)	
	41L x 32.5W x 30H (2pcs/carton)	
	48L x 41W x 30H (3pcs/carton)	
Weight(with humidifier)	4.07Kg (1pc/carton)	
	7.74Kg (2pcs/carton)	
	11.57Kg (3pcs/carton)	

Specification

Description	DF-25W-HM	DF-30V-HM
Work Mode	CPAP, AUTO, Auto S, S, T, ST	CPAP, AUTO, Auto S, S, T, ST, APCV
Expiratory Pressure	4cmH ₂ O-25cmH ₂ O	4cmH ₂ O-25cmH ₂ O
Inspiratory Pressure	4cmH ₂ O-25cmH ₂ O	4cmH ₂ O-30cmH ₂ O
Tubing Heating Function	Yes	
Mobile Network	Optional	
Data Cloud Platform	Optional	
Pressure Rise/Fall Time	100ms-900ms	
Pressure Difference	2cmH ₂ O-10cmH ₂ O	
I/E Ratio	10%-90%	
I/E Sensitivity	5 levels	
Backup Rate	5bpm-60bpm, step size 1bpm, tolerance ±1bpm	
Target Tidal Volume	200mL-1200mL, step size 10mL	
Ramp Time	0-60min	
Noise	≤ 22 dBA @10cmH ₂ O	
Data Storage	TF card, >5 years	
Screen (inch)	3.5 inch color display	
Heating Tubing Temperature	10°C-30°C adjustable, step size 1°C	
Humidity Level	Heating and humidification, level 1-5 adjustable	
Preheat	ON/OFF	
Flight Mode	ON/OFF	
Alarm	Mask off, suffocation, pressure abnormality, tubing abnormality	
Bluetooth Oximeter	Optional	
Power	Input: 100-240V~, 50/60Hz, 1.5A Max. Output: 24V = 3A	
Dimensions(cm)	26.68Lx17.25Wx11.85H(machine)	
Carton dimensions(cm)	41L x 29W x 17.5H (1pc/carton)	
	41L x 32.5W x 30H (2pcs/carton)	
	48L x 41W x 30H (3pcs/carton)	
Weight(with humidifier)	4.07Kg (1pc/carton)	
	7.74Kg (2pcs/carton)	
	11.57Kg (3pcs/carton)	



DF series BIPAP



- 22 dBA ultra-low noise
- Sponge-free design for silence box, protect healthy breathing
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- User data information showed on screen
- Professional software to generate sleep reports



- Various alarm prompts to protect the treatment effect of patients



- Built-in humidifier and optional heated air tubing
- Stable temperature and humidity control



- Optional GPRS/WIFI module for data transmission realize remote management



- Optional bluetooth oximeter
- Show SpO2 value on screen

Auto CPAP DS-6



Comfort

- EPR(Expiratory Pressure Relief,0-3 level)ensure comfort degree Automatic Synchronization Technology ensure the ventilator and patient to achieve perfect synchronization, which make patients nice experience.

Quiet : Noise<26 dBA

- High efficiency brushless DC motor, 10ms of rapid response Patent for cancel muffling technology.

Easy Operation

- Special water tank to make operation very easy and humanized.

Professional Doctor Software

- Intelligent doctor software greatly reduce doctors' workload.



Specification

Description	AUTO CPAP DS-6
Work Mode	CPAP, AUTO
Color	Silver
Noise	≤ 26 dBA @10cmH ₂ O
Screen	2.8 inch TFT, 320 x 240 pixels
Pressure Range	4cmH ₂ O-20cmH ₂ O, automatic adjustment
Data Storage	> 5 years
Power Supply	Input: 100-240V~, 50/60Hz, 1.6A Max. Output: 24V = 2.5A
Over-Temperature Protection	Stop automatically, alarm with 4 times beeps
Parameter Lock	Yes
Screen Off	Screen off in 15 minutes, press any button to highlight screen
Ramp Time	0-60 min, adjustable 1min/Step
Auto ON/OFF	Yes
EPR(Expiratory Pressure Relief)	Yes, 0-3 level
Auto-Altitude	Yes
Leak Compensation	Yes
Awake Detection	Yes
Breath Event Detection	Yes
Auto Pressure Titration	Yes
Water Tank Capacity	220mL Max.
Humidifier Level	Integrated Heated, 0-5 level
Alarm	Power off, Mask off
Dimensions(cm)	28L x 14W x 9.5H (machine) 37.5L x 34W x 15H (1pc/carton) 39L x 32.5W x 37.5H (2pcs/carton) 49L x 39W x 38H (3pcs/carton)
Weight(with humidifier)	3.8Kg (1pc/carton) 8.8Kg (2pcs/carton) 11.8Kg (3pcs/carton)
Warranty	2 years



BIPAP DS-7 & DS-8

Effective Treatment

- AST(Automatic Synchronization Technology) anticipates respiratory waveform and provides corresponding EPAP and IPAP to ensure patient's comfort and mechanical synchrony.

Data Management

- SD card (available per customers' request).



Specification

Description	BiPAP DS-7(ST25)	BiPAP DS-8(ST30)
Work Mode	CPAP, AUTO, S, T, ST	CPAP, AUTO, S, T, ST, APCV
Color	Grey	
Noise	≤ 26 dBA @10cmH ₂ O	
Screen	2.8 inch TFT, 320 x 240 pixels	
Pressure Range	4cmH ₂ O-25cmH ₂ O	4cmH ₂ O-30cmH ₂ O
Inspiratory Pressure	4cmH ₂ O-25cmH ₂ O	4cmH ₂ O-30cmH ₂ O
Expiratory Pressure	4cmH ₂ O-20cmH ₂ O	4cmH ₂ O-20cmH ₂ O
Data Storage	>5 years	
Power	Input: 100-240V~, 50/60Hz, 1.6A Max. Output: 24V= 2.5A	
Over-Temperature Protection	Stop automatically, alarm with 4 times beeps	
Parameter Lock	Yes	
Screen Off	Screen off in 15 minutes, press any button to highlight screen	
Backup Rate	4bpm-50bpm, step size 1bpm, tolerance ±1bpm	
IE Ratio	10-80%	
Ramp Time	0-60min, adjustable 1min/Step	
Auto ON/OFF	Yes	
Inspirate Triggler	1-5 level	
Expiratory Level	1-5 level	
Inspirate Sensitivity	1-5 level	
EPR(Expiratory Pressure Relief)	Yes, 0-3 level	
Auto-Altitude	Yes	
Leak Compensation	Yes	
Awake Detection	Yes	
Breath Event Detection	Yes	
Water Tank Capacity	220mL Max.	
Humidifier Level	Integrated Heated, 0-5 level	
Alarm	Power off, Mask off	
Dimensions(cm)	28L x 14W x 9.5H (machine) 37.5L x 34W x 15H (1pc/carton)	
Carton Dimensions(cm)	39L x 32.5W x 37.5H (2pcs/carton) 49L x 39W x 38H (3pcs/carton)	
Weight(with humidifier)	3.8Kg (1pc/carton) 8.8Kg (2pcs/carton) 11.8Kg (3pcs/carton)	
Warranty	2 years	



Specification

Description	AUTO CPAP VM-6
Work Mode	CPAP, AUTO
Noise	≤ 24 dBA @10cmH ₂ O
Screen	2.8 inch TFT, 320 x 240 pixels
Pressure Range	4cmH ₂ O-20cmH ₂ O, automatic adjustment
Data Storage	> 5 years
Power	Input: 100-240V~, 50-60Hz, 1.6A Max. Output: 24V = 2.5A
Over-Temperature Protection	Stop automatically, alarm with 4 times beeps
Lock Function	Yes
Screen Off	Screen off in 15 minutes, press any button to highlight screen
Ramp Time	0-60min, adjustable 1min/Step
Auto ON/OFF	Yes
EPR(Expiratory Pressure Relief)	Yes, 0-3 level
Auto-Altitude	Yes
Leak Compensation	Yes
Awake Detection	Yes
Breath Event Detection	Yes
Auto Pressure Titration	Yes
Water Tank Capacity	200mL Max.
Humidifier Level	Integrated heated, 0-5 level
Alarm	Power off, Air leakage
Machine Dimensions(cm)	29L x 15W x 10H (machine)
Carton Dimensions(cm)	34L x 20.5W x 25.5H (1pc/carton)
	39.5L x 34W x 25.5H (2pcs/carton)
	59.5L x 34W x 25.5H (3pcs/carton)
Gross Weight	4.5Kg (1pc/carton)
	8.1Kg (2pcs/carton)
	11.5Kg (3pcs/carton)
Warranty	2 years

Auto CPAP VM-6

Whisper quiet, light and compact

- Ultra-quiet design, noise <24 dBA; Small and Light, portable design.

Effective Treatment

- AST(Automatic Synchronization Technology) anticipates respiratory waveform and provides corresponding pressure to ensure patient's comfort and mechanical synchrony.

Efficient heating humidifier system

- Integrated thermostatic humidifier, anti-backflow design, avoid dry burning or water overflow.

Professional sleep study report

- Unique sleep study report of whole week & month, easy operation, exquisite interface.



Auto BIPAP VM-7&VM-8

Professional sleep study report

- Unique sleep study report of whole week & month.
- Easy operation, exquisite interface.
- Patient-device synchrony real-time displaying
- Whisper quiet, light and compact
- Intelligent breathing algorithm
- Efficient heating humidifier system





TF Card



Air filter x5



Full Face Mask



Air Tubing



T-Junction



Power Supply



User Manual



Carrying Bag



Patient-device synchrony
Real-time displaying



Whisper quiet
light and compact



Intelligent
Breathing Algorithm



Efficient heating
humidifier system

Specification

Description	Auto BIPAP VM-7(ST25)	Auto BIPAP VM-8(ST30)
Work Mode	CPAP, AUTO, Auto S, S, T, ST	CPAP, AUTO, Auto S, S, T, ST, APCV
Noise	≤ 24 dBA @10cmH ₂ O	
Screen	2.8 inch TFT, 320 x 240 pixels	
Pressure Range	4cmH ₂ O-25cmH ₂ O	4cmH ₂ O-30cmH ₂ O
Inspiratory Pressure	4cmH ₂ O-25cmH ₂ O	4cmH ₂ O-30cmH ₂ O
Expiratory Pressure	4cmH ₂ O-20cmH ₂ O	4cmH ₂ O-20cmH ₂ O
Data Storage	> 5 years	
Power	Input: 100-240V~, 50-60Hz, 1.6A Max. Output: 24V = 2.5A	
Over-Temperature Protection	Stop automatically, alarm with 4 times beeps	
Parameter Lock	Yes	
Screen	Screen off in 15 minutes, press any button to highlight screen	
Backup Rate	4bpm-50bpm, step size 1bpm, tolerance ±1bpm	
IE Ratio	10-80%	
Ramp Time	0-60min, adjustable 1min/Step	
Auto ON/OFF	Yes	
Inspirate Triggler	1-5 level	
Expirate Level	1-5 level	
Inspirate Sensitivity	1-5 level	
EPR(Expiratory Pressure Relief)	Yes, 0-3 level	
Auto-Altitude	Yes	
Leak Compensation	Yes	
Awake Detection	Yes	
Breath Event Detection	Yes	
Water Tank Capacity	200mL Max	
Humidifier Level	Integrated Heated, 0-5 level	
Alarm	Power off, Air leakage	
Dimensions(cm)	29L x 15W x 10H (machine)	
Carton Dimensions(cm)	34L x 20.5W x 25.5H (1pc/carton)	
	39.5L x 34W x 25.5H (2pcs/carton)	
	59.5L x 34W x 25.5H (3pcs/carton)	
Gross Weight	4.5Kg (1pc/carton)	
	8.1Kg (2pcs/carton)	
	11.5Kg (3pcs/carton)	
Warranty	2 years	



RX non-invasive positive pressure ventilator

Variety of therapy options are provided for different users



- Professional therapy real-time monitoring
- Intelligent split screen technology
- Double sampling pressure
- Dual operation mode+ intelligent split screen, easy to operate
- Independent oxygen interface
- 15 alarm functions for patient safety
- Medical heating and humidifier

IPVS Intelligent mode precise therapy as you want

- IPVS mode is an original precise therapy mode of our RX non-invasive positive pressure ventilator.
- After entering the patient's height and weight, IPVS will automatically calculate the target tidal volume for patient, and automatically adjust the pressure for patient's breathing to maintain this target tidal.

HF high flow mode, simple adjustment, humidified oxygen therapy

- The medical humidifier was assembled to output air and oxygen mixed airflow with temperature and humidity control.
- Help the patient to receive stable oxygen and provide high flow output of 80L/min.
- Flush the dead cavity of nasopharynx, reduce repeated inhalation of CO2, and combine oxygen therapy with assisted respiration.

Air leakage compensation function

- When the mask moves or the altitude changes, the air leakage compensation function will automatically compensate air pressure to ensure synchronization and comfort of breathing.

Provides comfort and synchronization of pressure support for patients.

- In order to reach the target value of tidal volume, IPVS will respond quickly within 4-5 breaths.
- Through control of tidal volume of patients, improve alveolar ventilation, and assist patient with more oxygen inhalation.

Product model parameter table

Model Number	Work mode	Built in battery backup	Maximum pressure	Backup rate	Pressure rise/ drop time	Target tidal volume	Technical functions
RX-30	CPAP, S, T, ST, APCV, TVV-ST, TVV-APCV	NO	4~30cmH ₂ O	5bpm-60bpm STEP 1bpm	Rise: 100ms-900ms Fall: 100ms-400ms	200-1200ml, STEP 10ml	Proximal pressure sampling function With external oxygen concentration detection interface, can be connected to high pressure/low pressure oxygen source
RX-35			4~35cmH ₂ O				
RX-40			4~40cmH ₂ O				
RX-30B	CPAP, S, T, ST, APCV, TVV-ST, TVV-APCV	YES operation time ≥ 8 hours	4~30cmH ₂ O				
RX-35B			4~35cmH ₂ O				
RX-40B			4~40cmH ₂ O				
RX-30P	CPAP, S, T, ST, APCV, TVV-ST, TVV-APCV, IPVS, HF	NO	4~30cmH ₂ O				
RX-35P			4~35cmH ₂ O				
RX-40P			4~40cmH ₂ O				
RX-30BP	CPAP, S, T, ST, APCV, TVV-ST, TVV-APCV, IPVS, HF	YES operation time ≥ 8 hours	4~30cmH ₂ O				
RX-35BP			4~35cmH ₂ O				
RX-40BP			4~40cmH ₂ O				

Polygraph E300 Pro

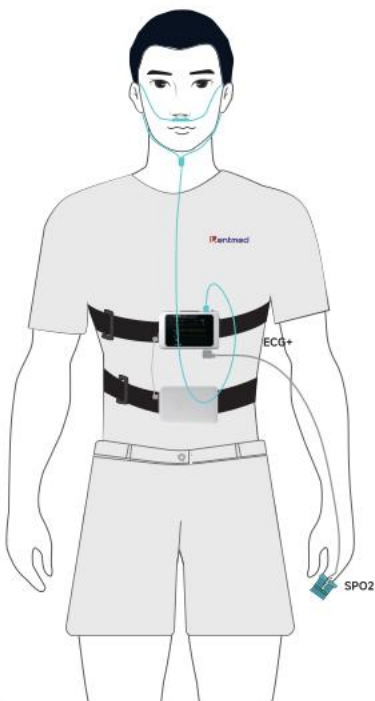


Specifications

Recorded Channels	MIC Snore, Airflow Snore, Respiratory Airflow, SpO2, ulse Rate, Pulse Waveform, Chest Movements, 3D Chest and Abdominal Movements AbdominalMovements, Body Position, Body Movement, Ambientight, CPAP Pressure TitrationMIC Snore, Airflow Snore, Respiratory Airflow, SpO2, ulse Rate, Pulse Waveform, Chest Movements, 3D Chest and Abdominal Movements Abdominal Movements, Body Position, Body Movement, Ambientight, CPAP Pressure Titration		
Host Size	95*57*21.5mm	Host Weight	95±5g
Battery Box Size	94.5*61.5*23mm	Battery Box Weight	70±5g
Data Terminal Size	75*24*12mm	Data Terminal Weight	10±5g
Screen	2.4-inch TFT color touch screen, 320x240 pixels		
Sampling Rate	250Hz/500Hz/1000Hz		
Data Resolution	ADC Resolution: 24-bit (0 to 16,777,215 counts)		
SpO2	80%-100%,tolerances≤2%; 70%-79%, tolerances≤3%		
Pulse	30bpm-100bpm, tolerances≤2bpm; 100bpm-240bpm, tolerances≤2%		
Storage Capacity	16 GB /32 GB (continuous data recording for over 250 hours)		
Recording Time	Continuous operation on dry batteries: >14 hours		
Data Storage	SD Card,4-32G		
Battery	4 X AA dry batteries, 1.5Veach		
Gross Weight	1.95Kg (1pc/carton)		
Carton Dimensions	29cm L x 19.5cm W x 19cm H (1pc/carton)		
Warranty	1 year		

E300 Pro Advantages:

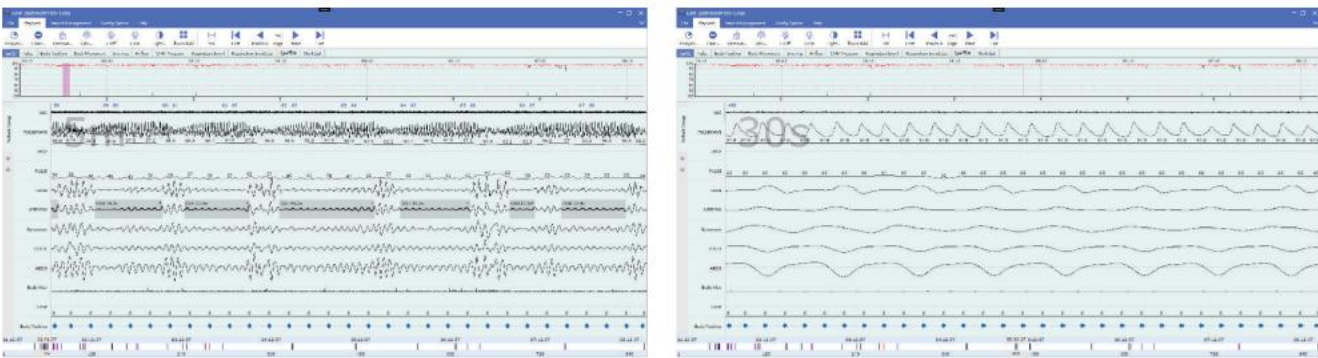
- 2.4 inch TFT touch screen
- Multi-functional data terminal
- Ambient light acquisition
- Supports 4 AA dry batteries
- Advanced 3D gyroscope technology
- Compact size,easy to wear
- New RIP chest and abdominal belt technology
- Medical-grade connectors for superior durability



E300 Pro Includes:

Battery Box		Chest+ Abdomen Belt		SD Card	
SpO2 Sensor		Nasal Cannula		4-Pin Connecting Cable	
Data Terminal		Spare Luer Connector			

User-friendly UI, elegant graphics, supports Windows 10+ and 64-bit.



Polysomnography

E900 Pro / E800 Pro / E700 Pro

Flexible Signal Options

- Dual-channel monitoring of pressure and thermistor airflow.
- Various methods, including inductance plethysmography, 3D gyroscope, and cardiopulmonary coupling-based EDR, are employed to record thoracic and abdominal movements.

Wireless Technology

- Uses bluetooth wireless technology for patient freedom
- Up to 5m range from bedside computer to patient dependant on environment

External Battery

- 4 X AA dry batteries, 1.5V each

Recording Time

- Continuous operation on dry batteries: >14 hours

Compatible Software

- Sleep fairy for data analysis
- Digital video can be used with PSG Online

Carton Dimensions

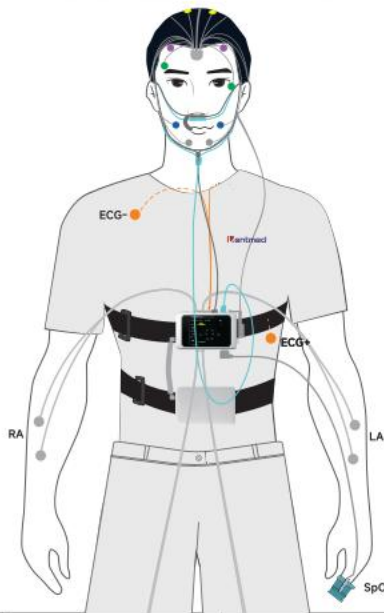
- 29cm L*19.5cm W*19cm H (1pc/carton)

Gross Weight

- 2Kg

Warranty

- 1 year



Packing List

 4pcs Limb Lead Cables	 10-pin EEG Cable(E700Pro)	 12-pin EEG Cable(E800Pro)	 14-pin EEG Cable(E900Pro)	 Battery Box	 Chest+ Abdomen Belt
 ECG Cable	 4-Pin Connection Cable	 SpO2 Sensor	 Nasal Cannula	 Thermal Flow Nasal Cannula	 Data Terminal
 Spare Luer Connector	 50pcs Electrode Slice	 SD Card	 Carrying Bag	 User Manual	

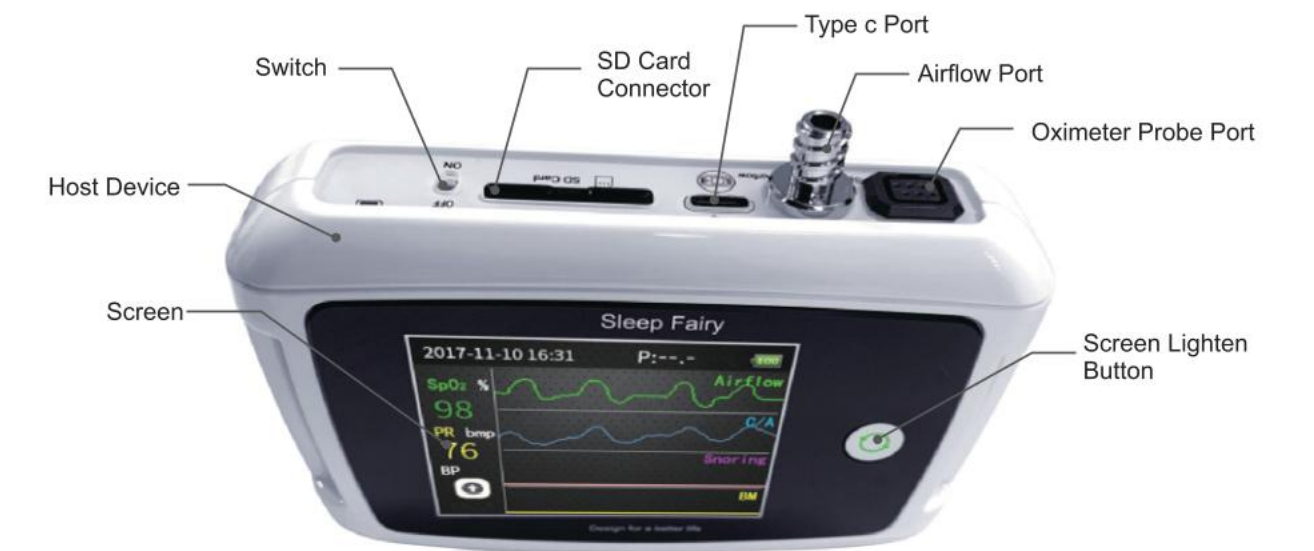
Parameters

Host size: 95*57*21.5mm Weight: 115±5g (E900 Pro / E800 Pro / E700 Pro) Battery box: 94.5*61.5*23mm Weight: 70±5g

Description	E900 Pro	E800 Pro	E700 Pro
EEG-3 (EEG-F3)	●	●	●
EEG-4 (EEG-F4)	●	●	●
EEG-1 (EEG-C3)	●	●	
EEG-2 (EEG-C4)	●	●	
EEG-5 (EEG-O1)	●		
EEG-6 (EEG-O2)	●		
EOG-1 (EOG-1)	●	●	●
EOG-2 (EOG-2)	●	●	●
EMG (2 Channels)	●	●	●
ECG	●	●	●
Heart Rate	●	●	●
MIC Snore (Snoring)	●	●	●
Airflow Snore	●	●	●
Respiratory Airflow	●	●	●
Thermal Airflow	●	●	●
SpO ₂	●	●	●
Pulse Rate (PR)	●	●	●
Pulse Waveform (PW)	●	●	●
Chest Movements (CHEST)	●	●	●
3D Chest and Abdominal Movements	●	●	●
Abdominal Movements (ABDO)	●	●	●
Body Position (BP)	●	●	●
Body Movement (BM)	●	●	●
RA (Right Arm)	●	●	●
LA (Left Arm)	●	●	●
Ambient Light	●	●	●
CPAP Pressure Titration (1 Channel)	●	●	●
RL (Right Leg)	●	●	●
LL (Left Leg)	●	●	●
Data Terminal	●	●	●
Built-in Storage SD Card Capacity	32G	32G	32G
Total Channels	30	28	26

* The above number of channels refers to the highest configuration number of channels for this model. The actual leads are subject to the specific configuration.

Ventmed SF-A90 sleep monitor device



Specifications

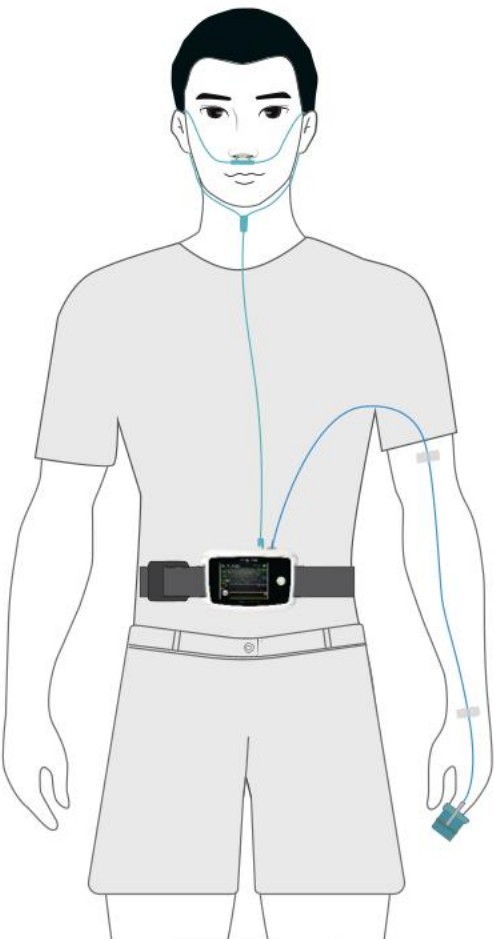
Recorded Channels	Airflow, snore, Thoracic/Abdominal movement, SpO2, pulse rate, PPG, body position, body movement, CPAP titration
Body Position	Supine, prone, right side, left side, upright
Data Storage	16G SD card
Battery	3.7V, 4000mAh chargeable lithium battery (built-in device)
Power	Input: 100-240V~, 50/60Hz, 0.5A Max. Output: 5.0V --- 2.0A
Screen	2.8 inch TFT, 320 x 240 pixels
Sampling Rate	50-250Hz
Data Resolution	ADC: 12bit(0 - 4095)
SpO2	80%-100%, tolerance≤±2% 70%-79%, tolerance≤±3%
Pulse	30-240bpm
Device Net Weight	190g with battery
Device Dimensions	12.5cm L x 8cm W x 2.4cm H
Gross Weight	1.7Kg (1pc/carton)
Carton Dimensions	29cm L x 19.5cm W x 19cm H (1pc/carton)
Warranty	1 year

Ventmed SF-A90 Advantages

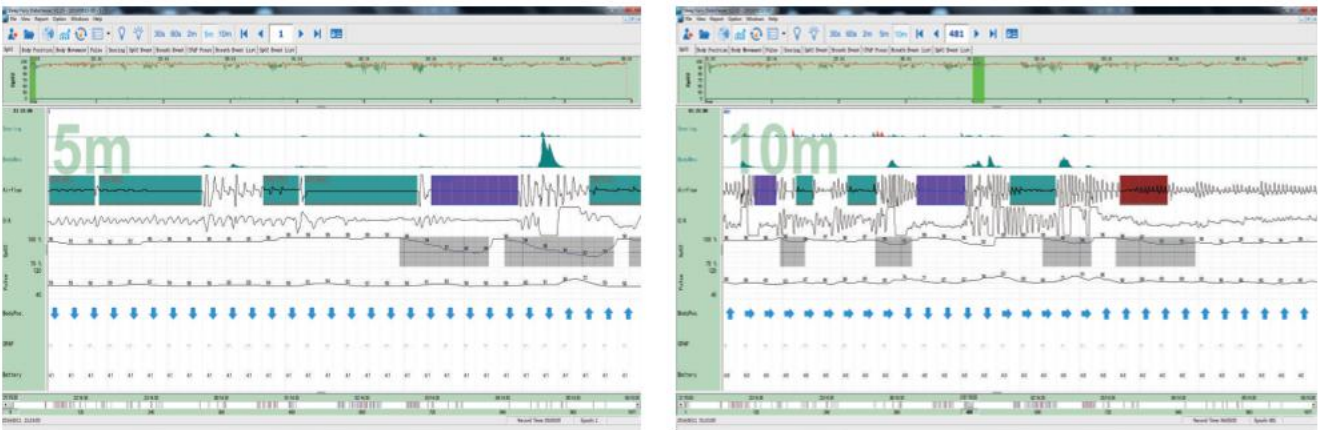
- Set the start time and end time, recording automatically
- Display monitoring waveforms in real-time
- Advanced high-precision 3D gyroscope technology
- Professional sleep analysis software
- Advanced reporting capabilities, with multiple report templates
- CPAP titration
- Large capacity rechargeable battery (over 40 hours)
- Automatic sleep staging with AI deep learning
- Meet the criteria of AASM standards

Ventmed SF-A90 Includes:

- Host device
- Carrying bag
- Oximeter probe
- User manual
- SD card reader
- Adapter
- 2 x Spare luer connector
- 2 x Nasal cannula
- 2 x Fixing belt



Friendly interface, nice UI graphic design, support for Windows XP/ 7/ 8/ 10/ 11 operation system.



Portable/Ambulatory full polysomnography

Model: SF-A100/SF-A500/SF-A550/SF-A600 Ventmed PSG



Flexible Signal Options

- Use a cannula to record airflow
- Use Inductive Plethysmography to record respiratory effort
- Use 3D gyroscope sensor integrated into device to acquire body position and movement

Wireless Technology

- Uses bluetooth wireless technology for patient freedom
- Up to 5m range from bedside computer to patient - dependant on environment

Battery

- 3.7V, 4000mAH chargeable lithium battery(built in device)

Recording Time

- **SF-A100:** Up to 40 hours of recording with 100% battery
- **SF-A500/SF-A550:** Up to 18 hours of recording with 100% battery
- **SF-A600:** Up to 14 hours of recording with 100% battery

Compatible Software

- Sleep fairy for data analysis
- Digital video can be used with PSG Online

Carton Dimensions

- 29cm L x 19.5cm W x 19cm H (1pc/carton)

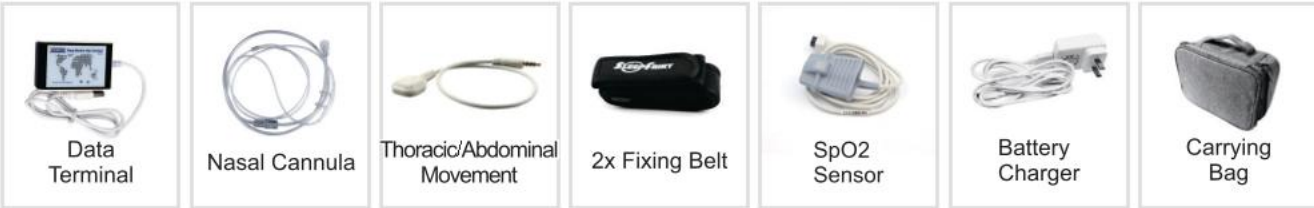
Gross Weight

- 1.7Kg (1pc/carton)

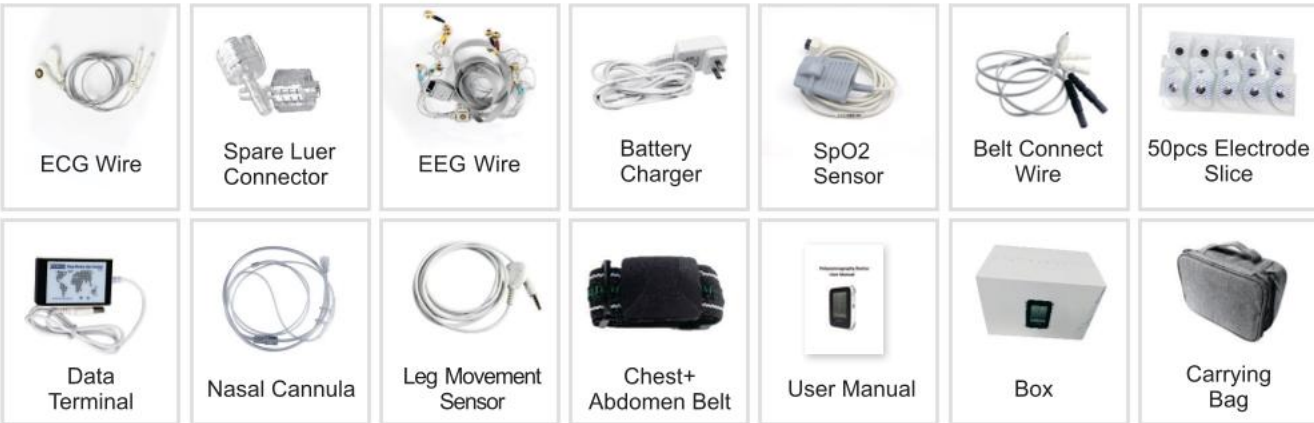
Warranty

- 1 year

SF-A100



SF-A600



Technical Specifications

- Weight**

 - SF-A100: 180g (including battery)
 - SF-A500/SF-A550/SF-A600: 192g (including battery)

Recorder Size:111mm L x 72mm W x 24mm H

Power

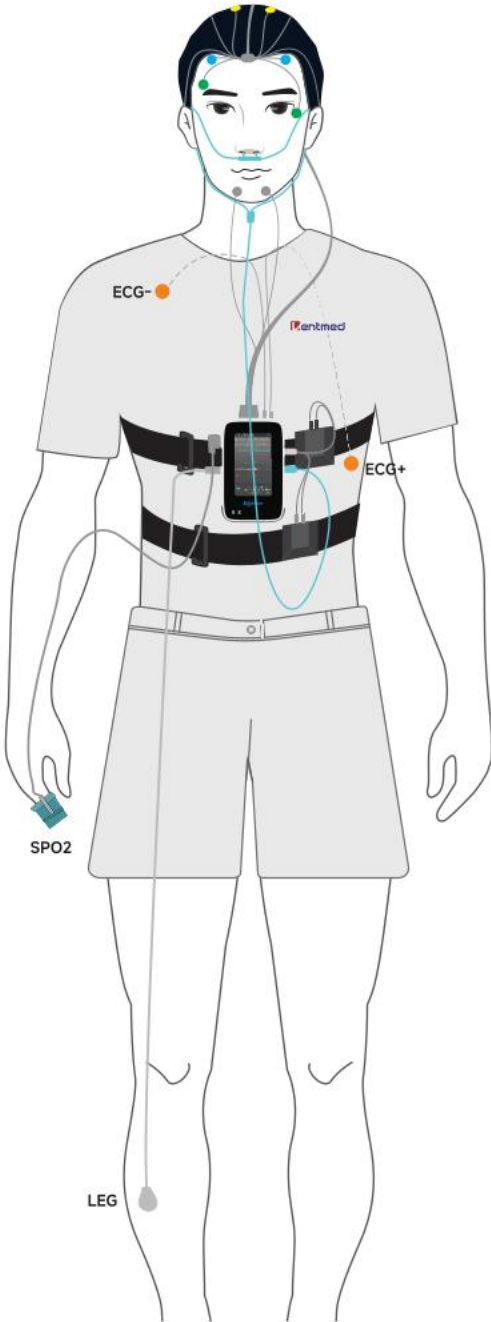
 - Input: 100-240V~, 50/60Hz, 0.5A Max.
 - Output: 5.0V --- 2.0A

Sampling Rate

 - A100: 1-250Hz
 - SF-A500/SF-A550/SF-A600: 1-10000Hz

Description	SF-A100	SF-A500	SF-A550	SF-A600
EEG-F3		•	•	•
EEG-F4		•	•	•
EEG-C3			•	•
EEG-C4			•	•
EEG-O1				•
EEG-O2				•
2 x EOG		•	•	•
2 x Chin EMG		•	•	•
ECG		•	•	•
Airflow from Pressure Sensor	•	•	•	•
Snoring from Pressure Sensor	•	•	•	•
CPAP Titration	•	•	•	•
Thoracic Inductive RIP belt		•	•	•
Abdominal Inductive RIP belt		•	•	•
Leg Movement		•	•	•
Body Position	•	•	•	•
Oximeter Provides SpO2 , Pulse Rate, Plethysmography Waveform and Oximeter Probe Status	•	•	•	•
Heart Rate		•	•	•
CPC(Cardiopulmonary Coupling)		•	•	•
Thoracic/Abdominal Movement	•	•	•	•
Body Movement	•	•	•	•
MIC Snoring	•	•	•	•
Voice Recording	•	•	•	•
ABP(SBP, DBP, MAP) ^[1]		•	•	•
PTT(Pulse Transfer Time)		•	•	•
Simulated Airflow		•	•	•
Respiratory Effort	•	•	•	•

^[1] ABP: Ambulatory Blood Pressure SBP: Systolic Blood Pressure
DBP: Diastolic Blood Pressure MAP: Mean Arterial Pressure



SF-A600

Masks and Air Tubing

SmartFit Full Face Mask FS6 (S, M, L)

- Medical silicone material, fit softly and comfortable.
- The silicone pad adopts a spring shrinkage design, which automatically adjusts and fits the face. The adjustment range can reach 15°.
- Headgear Weight: 30g
- Anti-slip design, no vision obstruction, securely fits head, ensures comfort in all sleeping positions.
- The main frame is compatible with all cushion sizes.
- 360° rotation, 45° angle adjustment for adapting to air tubing connections.



SmartFit NS Series (M, L)

- Medical silicone material, comfortable to wear and fit.
- The silicone pad adopts a pleated design and automatically adjusts its angle to fit the face. Prevent pressure on the bridge of the nose.
- Anti-slip design, no vision obstruction, head-conforming fit, ensuring comfort in any sleeping position.
- 360° rotation, 45° angle adjustment for adapting to air tubing connections.



SmartFit Full Face Mask FS8 (S, M, L)



- Headgear Weight: 15gAnti-slip design, no visual obstruction, secure fit, suitable for all sleeping positions.
- Medical silicone material, fit softly and comfortable.The silicone pad adopts a spring shrinkage design,which automatically adjusts and fits the face. The adjustment range can reach 15°.
- 360° rotation, 45° angle adjustment for adapting to air tubing connections.
- Honeycomb Array Multi-Orifice Vents: Reduced Airflow Impingement, Soft & Silent Exhalation

Air tubing

- Single 19mm diameter 6ft Hose



Universal

Heating air tubing

- Single 19mm diameter 6ft Hose



Compatible with DF series

SmartFit NT Series (M, L)

- Medical silicone material, fit softly and comfortable.
- The silicone pad adopts a spring shrinkage design, which automatically adjusts and fits the face. The adjustment range can reach 15°.
- Anti-slip design, no vision obstruction, head-conforming fit, ensuring comfort in any sleeping position.
- 360° rotation, 45° angle adjustment for adapting to air tubing connections.



Heating air tubing

- Single 15mm diameter 6ft Hose

Compatible with Air, Aero, Luna, and Natura series

