

Technical Data

VECTOR et

Dimensions (w/l/h)	230 mm x 212 mm x 107 mm
Mass	2,0 kg
Power supply	100 V - 240 V AC, 50 - 60 HZ or 24 V DC / 2,1 A
Pressure range	4 - 20 hPa (mbar)
Pressure variation	< 0,3 hPa according to DIN EN ISO 17510-1
Noise level	< 25 dB(A) at 10 hPa according to DIN EN ISO 17510-1

Mode / Device	CPAP	AUTO	BILEVEL	BILEVEL ST
CPAP	•	•	•	•
APAP	—	•	—	—
FLEXLINE	•	•	—	—
BILEVEL S	—	—	•	•
BILEVEL T	—	—	—	•
BILEVEL ST	—	—	—	•

Functions

Languages	eng, deu, fra, ita, pol, nld, spa (further on request)
Counters	Stand-by time, turbine running time, therapy time, filter age
Constant display	Pressure value, bargraph, date, time, softstart ramp, alarm clock-state
Additional functions	Start-stop-automatik, softstart ramp, leakage test, leakage alarm, power failure alarm, automatis turbine start after power failure, date-, time and wake-up function

AquaDROP et

Dimensions (w/l/h)	120 mm x 172 mm x 96 mm
Mass	approx. 350 g (without water)
Power supply	24 V DC
Power consumption	0 - 20 W
Heating steps	1 - 5
Max. filling capacity	300 ml

Classification	Protective class II, Typ BF according to DIN EN 60601-1
Conformity	CE-mark according to EG-directives 93/42/EWG, concerning medical devices, class MPG IIa DIN EN 60601-1 „General provisions for the safety of medical devices“ and DIN EN 60601-1-2 „Supplement: electromagnetic compatibility, requirements and testing“

VECTOR et

Accessories



AquaDROP et

A therapy air humidifier for the complete VECTOR et series which is easily attached in no time, and which is also easy to remove. Filling and cleaning of the humidifier is quite uncomplicated. Using five heating levels, air humidification can be adapted to the individual requirement of the patient.



The easy to change three layer filter cassette effectively filters the most pollen and air pollutions off the therapy air.



Included in the delivery scope is the device case, which offers ample space for the device and accessories like the therapy tube, the mask and the humidifier. The wide shoulder belt makes the transport, even for longer times, very comfortable.



TRENDremote is for the cabled handling of respiration therapy devices from HOFFRICHTER GmbH. With TRENDremote the sleep laboratory staff can change the running therapy without being next to the therapy device.



TRENDinterface is intended for conversion of digital signals from the respiration therapy devices of HOFFRICHTER GmbH into analogue signals and their transfer to polysomnography systems. Additional the communication between the respiratory therapy device and a PC with evaluation software or a remote control shall be warranted.



DATA box for easy data exchange with the physician. By connecting a pulseoxymeter the values for the oxygen saturation of the patient can be recorded and stored.

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Sales:



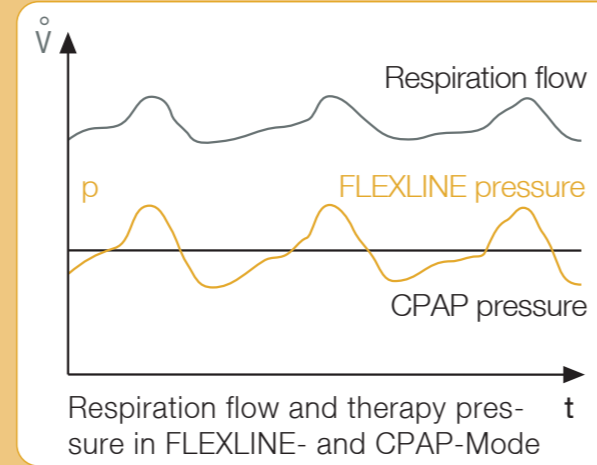
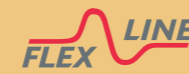
VECTOR et



- 4 device types with a total of 6 therapy modes
- Extrem low noise level
- Excellent pressure regulation
- Easy to handle
- Modern design

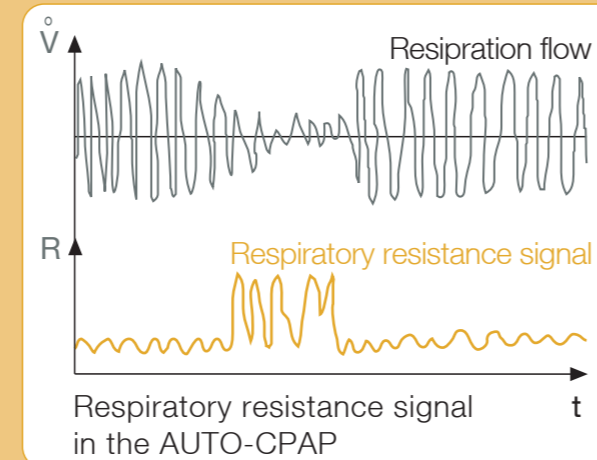
Why must a therapy device always look like a medical device?
Is it possible to develop a respiratory therapy device that provides both, good design and high quality therapy?

The VECTOR et series answers all these questions.
A device with powerful therapy properties and extraordinary design. This device series is very silent despite its powerful turbine, and it is easy to operate thanks to its clearly arranged user interface.

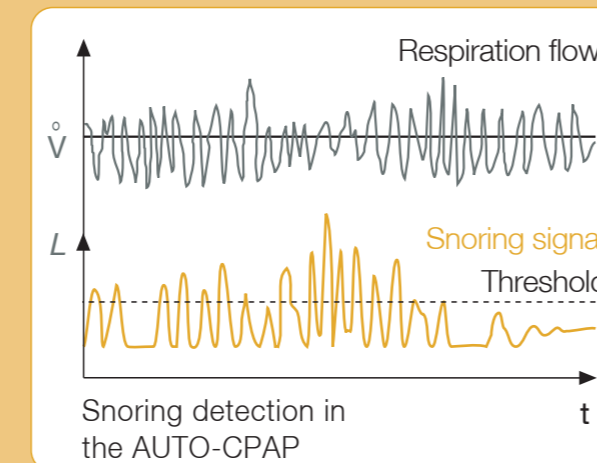


In the FLEXLINE mode the pressure adjusts proportionally to the individual respiration flow. This means an increase in pressure on inspiration and a reduction in pressure on expiration. This results in a particularly gentle therapy.

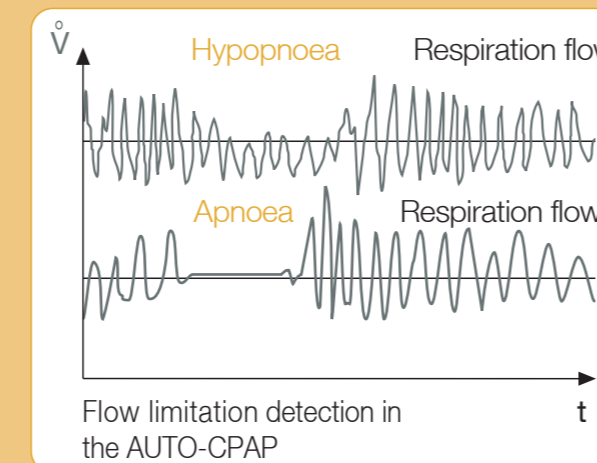
AUTO-Mode Detection of different incidents through 3 channels



Channel 1: Airway constriction.
The device increases the pressure in the case of a significant rise of the airway resistance signal and / or in the case of a rise of fluctuations.

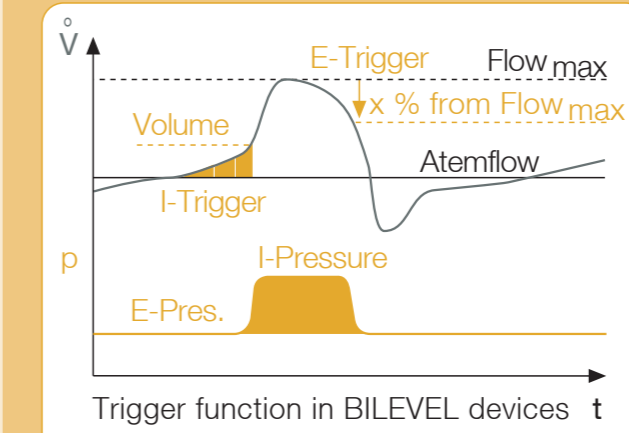


Channel 2: Snoring.
The device identifies snoring through acoustic measurement, if this level of snoring exceeds a set threshold in a defined frequency range. The device raises the pressure, until the level is below the threshold again.

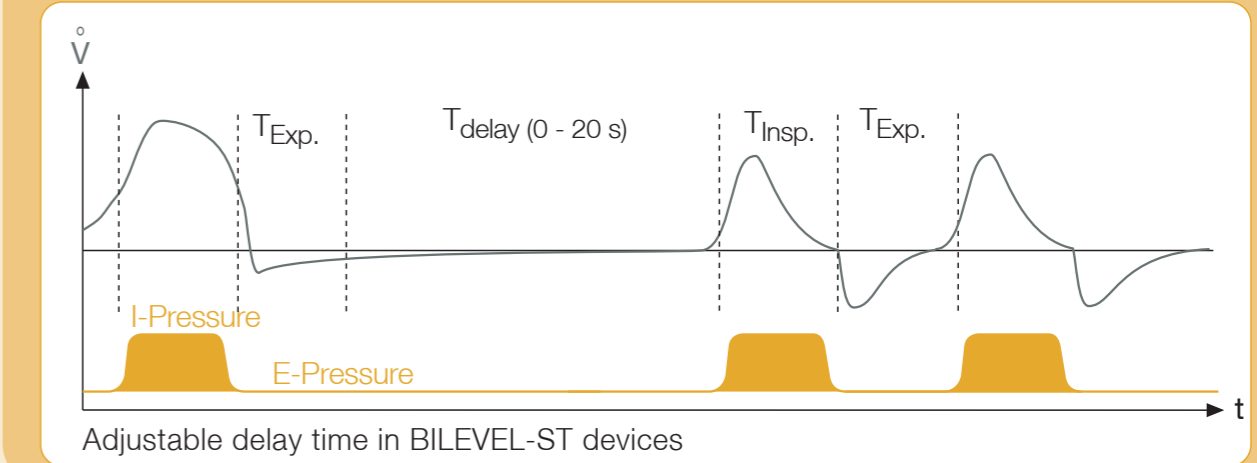


Channel 3: Flow limitation detection.
The device continuously calculates the respiration volume per minute. A reduction of the respiration volume per minute indicates hypopnoea, in addition an absence of change in the flow signal indicates apnoea.

BILEVEL Mode



The BILEVEL devices offer two levels of pressure (I-pressure and E-pressure). The triggers which are separately adjustable for inspiration and expiration are particularly well suited to shallow breathing and effectively avoid undesirable self-triggering. The inspiration trigger controlled by volume and expiration trigger controlled by flow are adjustable in three settings. Additionally it is possible to set a delay time up to 20 seconds in ST-devices, after the adjusted time the ventilation function (T-mode) starts. After the patient starts to breathe again, the device automatically returns to the S-mode.



Comparison of different therapy mode

