

TREND II

The new glamor in respiration therapy



HOFFRICHTER
TECHNOLOGY FOR EASY BREATHING

TREND II

TREND II

The new glamor with improved functions

The devices make for easy respiration and help with a healthy and restful sleep.

TREND II is available as CPAP, AUTO-CPAP, BILEVEL or BILEVEL-ST

The extremely low respiration resistance, the high power reserves and the automatic compensation for leakages and altitudes are only some of the innovative quality characteristics.

The simple operating system leaves nothing to be desired.

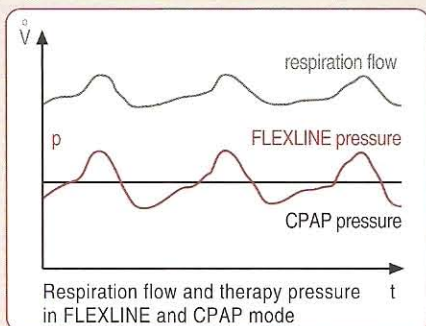
Three different user menus, an information menu, a patient menu for adjusting the comfort functions and a clinical menu for the optimal customisation of all the therapy parameters, create the simplest operation.

An easy to replace three-layers filter which effectively filters the majority of pollen and air pollutants, is a further highlight of the device series.

The modern device case offers ample space for the device itself and the accessories. Another highlight of the case is the option of attaching it to a trolley. In doing so it becomes a light travel companion and rounds off the whole image of the device.

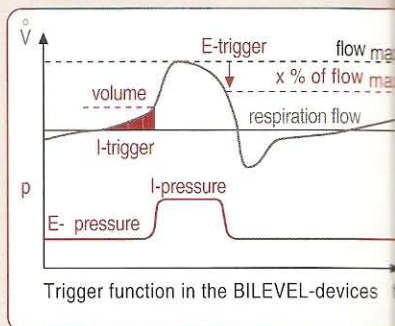


FLEXLINE-Mode



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.

BILEVEL-Mode

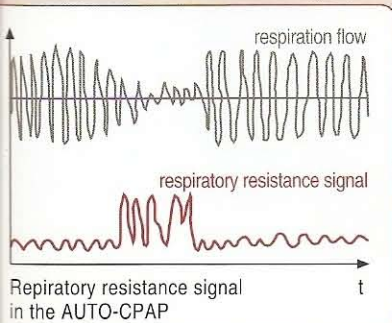


The BILEVEL-devices offer two levels of pressure (I-pressure and E-pressure). The triggers which are separately adjustable for inspiration and expiration are particularly well suited to shallow breathing and effectively avoids undesirable self-triggering. The inspiration trigger controlled by volume and the expiration trigger controlled by flow are adjustable in three settings.

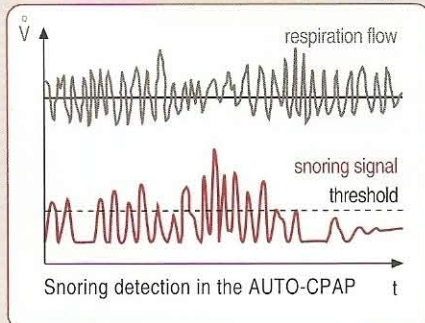


AquaTREND uni, the optional therapy air humidifier is able to be inserted quickly with only one click onto the entire device series. Easy cleaning and a large fill volume (300 ml) increases the user friendliness. An ingenious air-guidance system prevents water from the humidifier permeating the therapy device.

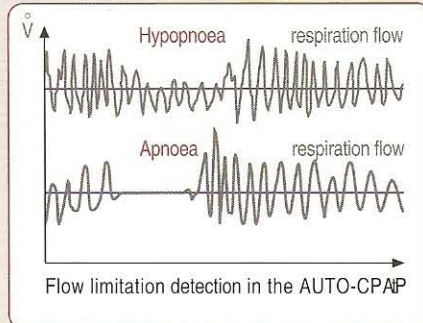
AUTO-Mode Detection of different incidents through 3 channels



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.



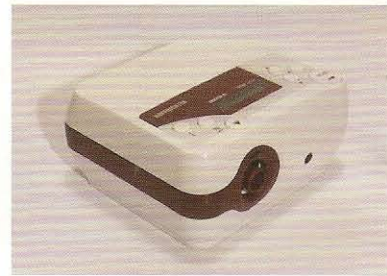
Channel 3: Flow limitation detection. The device continuously calculates the respiration volume per minute. A reduction of the respiration volume per minute indicates hypopnoea, in addition an absence of change in the flow signal indicates apnoea.

Technical Data

TREND II

dimensions w / l / h	215 / 195 / 105 mm (without humidifier)			
mass	~ 2,3 kg (without humidifier)			
power supply	100 V~ ... 240 V~, 50 ... 60 Hz, 24 V DC/ 2,1 A			
pressure range	4 ... 20 hPa (mbar)			
pressure variation	≤ 0,3 hPa (mbar) at 20 bpm (according to DIN EN ISO 17510-1)			
noise level	< 26 dB(A) at 10 hPa (mbar) (according to DIN EN ISO 17510-1)			
constant display	pressure value, bargraph, date, time, softstart ramp, alarm-clock-state			
time counters	stand-by time, turbine running time, therapie time, filter age			
additional functions	start-stop-automatic, softstart ramp, leakage test, leakage alarm, power failure alarm, automatic turbine start after power failure, date-, time- and wake-up-function			
language	English, German, French, Italian, Polish, Dutch (further on request)			
humidifier	optional by AquaTREND uni			
filter system	3-layers (suitable to avoiding allergic reactions)			
housing	ABS			
remote control	optional by TRENDremote, PC-software TRENDset			
analogue output	optional by TRENDinterface			
data management	optional by DATA box			
oxygen saturation	optional by DATA box with Oxy-Kit			
modes	CPAP	AUTO	BILEVEL	BILEVEL ST20
CPAP	•	•	•	•
APAP	-	•	-	-
FLEXLINE	•	•	-	-
BILEVEL S	-	-	•	•
BILEVEL T	-	-	-	•
BILEVEL ST	-	-	-	•
classification	protective class II, type BF according to DIN EN60601-1			
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" DIN EN 60601-1-2 "Supplement: electromagnetic compatibility, requirements and testing"			

Data are subject to technical alteration.



Therapy Device TREND II



Humidifier AquaTREND uni



TREND II Filter System



Device Bag suitable to Trolley



PC Software

Technical Data

AquaTREND uni

dimensions w / l / h	110 / 150 / 125 mm			
mass	~ 350 g (without water)			
power supply	24 V DC			
average power consumption	0 ... 20 W			
heating steps	1 ... 5			
max. amount of filling	~ 300 ml			
classification	protective class II, type 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" DIN EN 60601-1-2 "Supplement: electromagnetic compatibility, requirements and testing"			

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MANUFACTURER:

HOFFRICHTER

HOFFRICHTER GmbH
Mettenheimer Str. 12/14
19061 Schwerin
Germany

Tel. : +49-385-39925-0
Fax: +49-385-39925-25
info@hoffrichter.de

www.hoffrichter.de

MARKETED IN INDIA BY :



MHS MEDICARE INDIA (P.) LTD.

VENTILATOR
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SLEEP LAB/SLEEP STUDY

PULSE OXIMETER & PROBES

HEAD OFF. : 32, NETAJI SUBHASH MARG, DARYAGANJ, NEW DELHI-2

BRANCH OFF. : 203-205, VARDAN HOUSE, 7/28, ANSARI ROAD, DARYA GANJ, NEW DELHI-110002 (INDIA)

PHONES : 2325 4699, 2326 6699, 2328 6699 FAX : +011-2328 9199
E-mail : medicare@satyam.net.in * www.medicareagencies.com

