

AutoTREND[®] FLEX LINE

RESPIRATION THERAPY

The new **TREND**[®] for Therapy and Screening



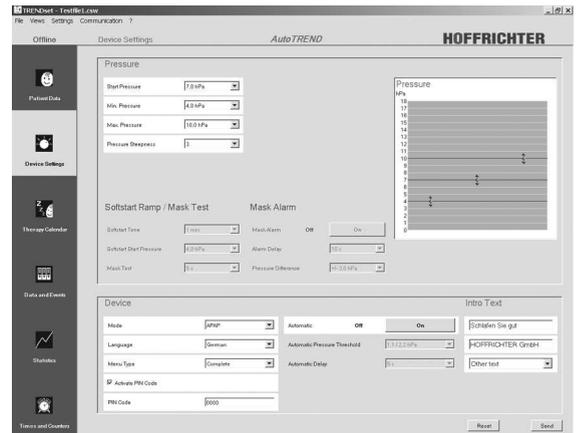
AutoTREND[®]

is a self adjusting respiration therapy device (Auto-CPAP) which chooses the therapy pressure as high as necessary and as low as possible. The advantage of **AutoTREND**[®] is the combined measurement of airway resistance, flow limitation and snoring. This ensures a safe differentiation between obstructive and central events. Within a certain pressure range the device selects the optimal pressure.

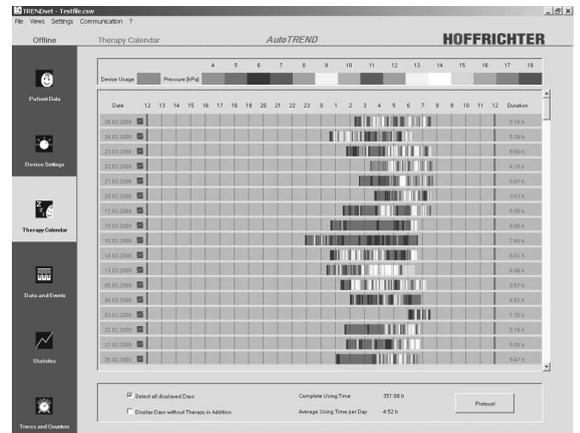
TECHNICAL DATA	
dimensions w / l / h	230 / 225 / 110 mm (without humidifier)
mass	~ 2,5 kg (without humidifier)
power supply	100 - 240 V / 50 - 60 Hz
operation modes	CPAP, APAP, FLEXLINE (3 steps): step 1: $\Delta p_{max} \leq \pm 1$ hPa step 2: $\Delta p_{max} \leq \pm 2$ hPa step 3: $\Delta p_{max} \leq \pm 3$ hPa
pressure range	4 ... 18 hPa
pressure variation	< ± 0.1 hPa (at 20/min) according to DIN EN ISO 17510
noise level	< 27 dB(A) (at 10 hPa) according to DIN EN ISO 17510
constant display	pressure value, bargraph, date, time, softstart ramp, alarm-clock-state
measuring channels	
airway resistance	●
flow	●
snoring	●
additional function	
start-stop	●
automatic-control	●
softstart ramp	●
leakage test	●
leakage alarm	●
power failure alarm	●
automatic turbine start after power failure	●
date-, time- and wake-up-function	●
time counters	
stand-by	●
turbine running	●
therapy	●
filter age	●
humidifier	optional AquaTREND
filter system	3-layers
casing	ABS
remote control	optional by personal computer or hand device
analogue control	optional by TRENDinterface
classification	protective class II, type BF according to DIN EN 60601-1
conformity	CE-mark according to the EC-directives 93/42/EWG, concerning medical devices, class MPG IIa EN 60601-1 "General provisions for the safety of medical devices" EN 60601-1-2 "Supplement: electromagnetic compatibility, requirements and testing"

PATR-ENG, 0107-4

Data subject to technical alteration



PC-Software: Device Settings



PC-Software: Therapy Calendar



PC-Software: Data and Events

The PC-software **TRENDset** is a very powerful tool for device programming, titration and diagnostic screening.



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