

Setting ranges and control accuracy | Treatment parameters

Parameters	Adjustment range	Adjustment steps
Pressure ¹	4 – 20 hPa	0.5 hPa
IPAP ^{2,3}	4 – 25 hPa	0.5 hPa
PEEP ^{2,3}	0 – 20 hPa [PEEP ≤ IPAP-3 hPa]	0.5 hPa
Frequency ³	4 – 30 bpm	1 bpm
Safety frequency ²	on; off	–
Apnoea time ^{2,3}	0 – 60 s	1 s
I:E ³	4.00:1 – 1:4.00	0.05
Inspiration time ³	0.4 – 8 s	0.1 s
Ti max ^{2,3}	1 – 10 s	0.1 s
Ti min ^{2,3}	off; 0.4 – 5 s	0.1 s
I-Slope ^{2,3}	Level 1 – 5	1 level
E-Slope ^{2,3}	Level 1 – 5	1 level
Inspiration trigger ^{1,2}	Level 1 – 10, auto	1 level
Expiration trigger ^{1,2}	10 – 90 %	1 %
Minimum volume ^{1,2}	off; 0.05 – 2 l [if IPAP > 27 hPa, then always off]	0.01 l
Additional pressure ^{1,2}	3 – 10 hPa [additional pressure + IPAP ≤ 30 hPa] IPAP < 28 hPa minimum volume ≥ 200 ml	0.5 hPa
Soft start time ^{1,2,3}	off, 1 – 60 min	1 min
Start pressure	4 hPa – PEEP	0.5 hPa
Soft start ^{1,2,3}	CPAP: 4 hPa – pressure	
Mask test ^{1,2,3}	off, 5 – 90 s	5 s

¹CPAP ²Bilevel S ³Bilevel ST

Technical data

Power supply		
Mains operation	Power input	100...240 V AC (-20 %, +10 %), 50...60 Hz
	Power output	24 V DC / 3.75 A
External battery operation		20...26 V (nominal voltage) / 5 A
Maximum power consumption		< 65 W (incl. humidifier and heatable tube)
Protection class		Protection class II
Therapy tube connection		22 mm, cone (acc. to ISO 5356-1)
Product class acc. to 93/42/EEC		Ila
Specifications and features		
Dimensions (W x D x H)		189x168x96 mm
Weight ≈		approx. 1 kg
Max. stable pressure limit		25 hPa
Min. stable pressure limit		0 hPa
Max. inspiratory working pressure ¹		25 hPa
Min. inspiratory working pressure ¹		4 hPa
Max. pressure limit in case of failure		≤ 25 hPa
Long-term pressure variation	without humidifier 0.27 hPa	with humidifier 0.21 hPa

Scope of Supply

HOFFRICHTER TREND III, therapy tube, 1 switching power supply, 1 power supply cable, 1 additional filter cassette, 1 carrying case

Order Information

Description	Unit	Order no.
HOFFRICHTER TREND III CPAP	1	00015052
HOFFRICHTER TREND III Auto CPAP	1	00015050
HOFFRICHTER TREND III Bilevel S	1	00015053
HOFFRICHTER TREND III Bilevel ST	1	00015051
HOFFRICHTER TREND III AutoBilevel S	1	00015054
HOFFRICHTER TREND III AutoBilevel ST	1	00015058
HOFFRICHTER Humidifier AquaTREND III-NG	1	00015037
HOFFRICHTER Heatable Comfort Tube System-NG for AquaTREND III-NG	1	00015026
HOFFRICHTER respiratory therapy tube (re-usable) 22 mm ID	1	00007875
HOFFRICHTER TREND III filter cassette with filter material	1	00015061
Philips O ₂ safety valve	1	00004947
O ₂ -Connection adapter	1	00004943
HOFFRICHTER AKKUPACK uni BASE „Venilation“	1	00011101
HOFFRICHTER AKKUPACK uni PLUS	1	00011099

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HOFFRICHTER
SERVONA RESPIRATORY CARE



TREND III

The art of healthy sleeping

Modern | Quiet | Individual

TREND III CPAP

TREND III Auto CPAP

TREND III Bilevel S

TREND III Bilevel ST

TREND III AutoBilevel S

TREND III AutoBilevel ST

HOFFRICHTER TREND III

The art of healthy sleeping

Modern | Quiet | Individual

Weighing approximately 990 grams, the **HOFFRICHTER TREND III** Series is extremely light and very compact due to its smart design. The **HOFFRICHTER TREND III** Series proudly boasts of HOFFRICHTER Silence Technology (HST) making it whisper-quiet with the noise level of just approx. 26 dBA.



Made in Germany



Like all other devices from the HOFFRICHTER brand, the TREND III Series has been developed in Germany by highly qualified engineers, using the latest research and development standards. The assembly of the respiratory therapy device takes place in compliance with the strictest quality standards – as is the case in Germany.

Whisper-quiet Therapy



With only 26 dBA, the HOFFRICHTER TREND III series offers the proven HOFFRICHTER Silence Technology (HST) in a new modern design. HOFFRICHTER Silence Technology (HST) stands for whisper-quiet operation of the high-performance turbine even at its maximum flow rate.

Compact Design



At just 990 grams (1.7 kg with humidifier), the TREND III series is a true lightweight. The modern rounded design paired with the compact size makes the device a visual highlight. With its dimensions (L x W x H: 189 x 168 x 96 mm) it is an ideal companion for holidays or business trips.

Intuitive Interface



Like all devices in HOFFRICHTER portfolio, TREND III Series has HOFFRICHTER intuitive interface, which stands for simple and intelligent handling. The device has an extended patient menu, which has a large colour LC Display.

Optimized Data Management



The users of the HOFFRICHTER TREND III Series have access to the extended overview of their therapy and efficiency data at all times. They can follow their therapy on a daily basis, compare their nocturnal hours of use and change comfort settings. A detailed evaluation of the therapy and compliance data of the last 365 days is possible with HOFFRICHTER PC-software – easy-SET – via USB port.

Individual User Comfort



The six available versions of the HOFFRICHTER TREND III series enable individual and user-adjusted sleep therapy. The proven HOFFRICHTER FLEXLINE mode ensures particularly gentle and pleasant therapy. The AutoCPAP and AutoBILEVEL S or ST versions are available for the automatic adaptation of the necessary therapy pressures to the individual user needs.