

TREND II BILEVEL ST30



Enhanced fields of application through new features

- High maximum pressure 30 hPa
- Target volume with adjustable pressure
- Tidal volume display
- Enhanced data management with SD card

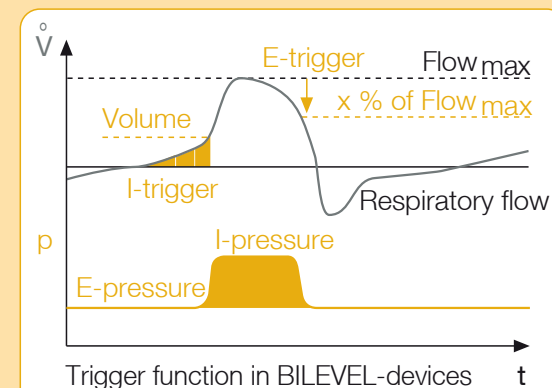
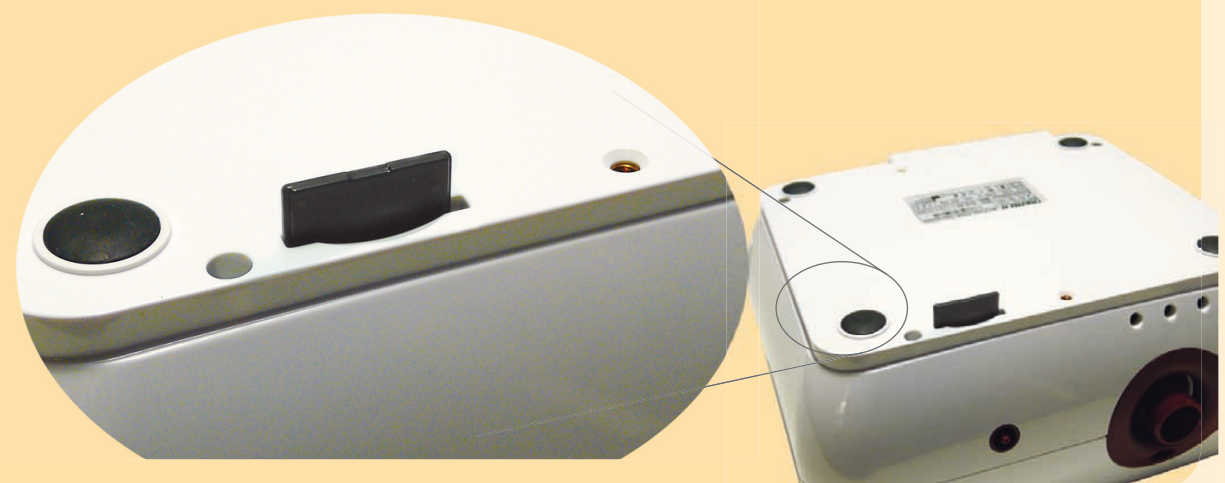
The TREND II Bilevel ST30 provides additional safety for the user through a backup frequency in the S mode and alarms for apnea and low respiratory minute volume.

The proven therapy, comfort and safety functions of the TREND II series (including the TREND II BILEVEL ST30) continue to assure effective and comfortable therapy, optionally with air humidification.

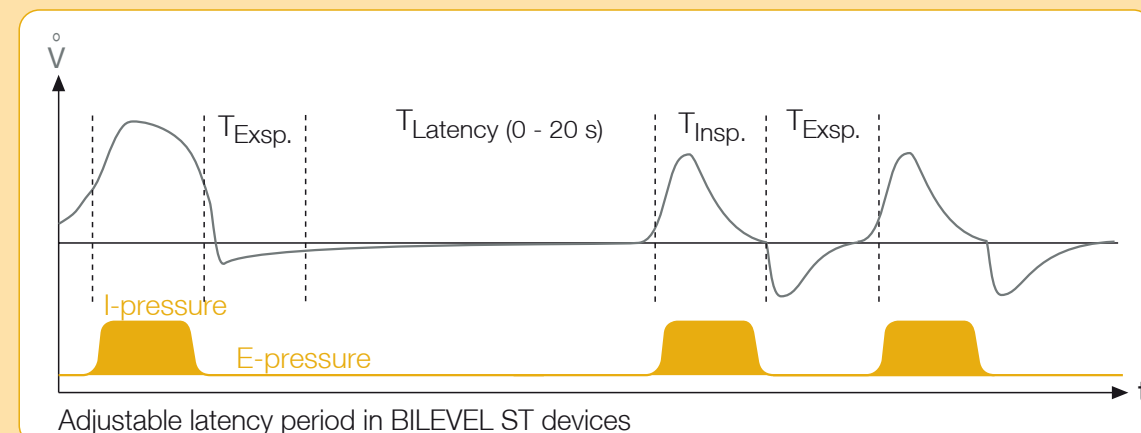
Enhanced data management with SD card

- Simple handling
- Data storage and transfer
- AI, leakage values, enhanced compliance analysis, respiratory flow and much more

The comprehensive therapy data are analyzed, adjusted and managed with the aid of the TRENDset PC software. Additionally, the AI, increased leakage values and the average daily operation can be displayed on the device itself. The TREND II BILEVEL ST30 automatically applies altered therapy settings after insertion of the SD card.



TREND II BILEVEL ST30 features two pressure levels (I-pressure and E-pressure). The trigger, which can be separately adjusted for inspiration and expiration, is especially suited for shallow breathing and effectively prevents undesired self-triggering. The volume-controlled inspiration trigger and the flow-controlled expiration trigger can be set to three different levels. A latency period of up to 20 seconds can also be set, after which time the ventilation function (T mode) starts. When spontaneous breathing is reinstated, the device automatically switches back to the S mode.



Technical data

TREND II BILEVEL ST30

Dimensions (W x H x D)	215 mm x 195 mm x 105 mm
Weight	2.3 kg
Operating voltage	100 V - 240 V AC, 50 - 60 Hz or 24 V DC / 2,1 A
Pressure range	4 - 30 hPa (mbar)
Pressure fluctuations	< 0.3 hPa acc. to DIN EN ISO 17510-1
Noise level	< 25 dB(A) at 10 hPa acc. to DIN EN ISO 17510-1
Data management	SD card ≤ 2 GB

Modes	CPAP, BILEVEL S, BILEVEL T, BILEVEL ST
Languages	eng, deu, fra, ita, pol, nld, spa (further on request)
Meter	operating time, motor runtime, therapy time, filter age
Displays	pressure, bar graph, tidal volume, current mode (S, T), date, time, soft start ramp, alarm clock status
Comfort functions	automatic start stop, soft start ramp, leakage test, leakage warning, alarm on power failure, automatic start after power failure, date and time display, alarm clock function
Alarms	apnea, low respiratory minute volume, pressure too high, leakage, power failure

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Dimensions (W x H x D)	110 mm x 150 mm x 125 mm
Weight	approx. 350 g (empty)
Operating voltage	24 V DC
Power consumption	0 - 20 W
Heating levels	1 - 5
Max. capacity	300 ml

Classification	protection class II, BF type devices acc. to DIN EN 60601-1
Conformity	CE mark according to EC Directive 93/42/EEC, device according to MDD Class IIa DIN EN 60601-1 and DIN EN 60601-1-2

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Powerful