

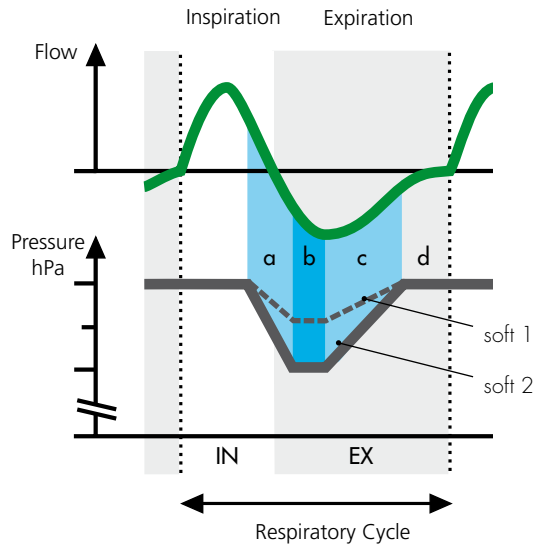
softPAP



Exhalation Relief by Weinmann in our Sleep Therapy Devices SOMNObalance e and SOMNOsoft 2e

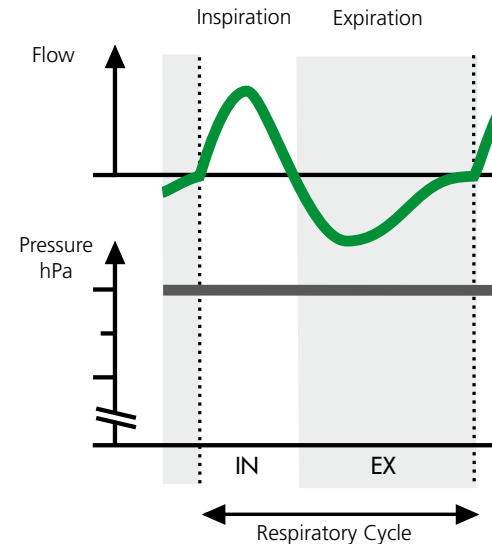
- fully automatic
- intelligent
- gentle

softPAP – intelligent exhalation relief by Weinmann



- a** anticipatory reduction in end-inspiratory phase
- b** gentle, easy exhalation from the start
- c** pressure increase adapted to patient's respiratory rate
- d** airways held open at critical moment

CPAP / autoCPAP without softPAP



Pressure range hPa	Pressure reduction hPa	
	soft 1 (light)	soft 2 (normal)
4 – 8	1,0	2,0
> 8 – 12	1,3	2,5
> 12	1,6	3,0

softPAP exhalation relief, fully automatic, intelligent and gentle

Fully Automatic

- Exhalation relief adapts automatically to the patient's breathing pattern.

Intelligent

- No pressure decrease in response to respiratory events such as apnea or valid flow limitations
- No flow-proportional adjustment to pressure reduction, therefore breathing support in event of central hypopnea
- Adaptation to breathing pattern prevents rapid respiration (tachypnea) in patient
- Maximum relief at high respiratory rates (>24 BPM)

Gentle

- No exhalation against high CPAP pressure, because pressure is reduced in end-inspiratory phase
- timely application of inspiratory CPAP pressure by means of end-expiratory pressure increase
- Two levels (soft1, soft2) for pressure decrease, depending on patient's needs

The exhalation relief softPAP is intended for sensitive patients who have trouble exhaling against high CPAP pressure.

Patients can feel the effects of pressure decreases immediately and sleep better because they can exhale more easily. When their

sleep is more restorative, they improve their therapy compliance. The softPAP function expands the therapy spectrum available to treating physicians. Exhalation relief can be set in CPAP and in autoCPAP mode.

Intelligent: Pressure is not decreased when respiratory events occur

