

# SOMNOsoft+

## CPAP therapy with softPAP

SOMNOsoft+ is a CPAP sleep therapy device with gentle and intelligent pressure relief softPAP. The device reduces the maximum CPAP pressure in anticipation of the change to exhalation but, like CPAP, safely and effectively maintains the pressure during inhalation.



SOMNOsoft+ with JOYCE GEL Mask, Basis device WM 24600

SOMNOclick 300

JOYCE GEL Mask

New and sensitive patients sleep more comfortably, exhale more gently and enjoy a more restful night. Doctors have a broader therapy spectrum and patients improve their therapy compliance.

- Extremely quiet with high pressure constancy
- Comfortable with softstart and autostart
- Simple device operation
- Highly developed hygiene concept
- Two-level filter system with fine and coarse filters
- Adaptable heated humidifier SOMNOclick 300
- Analog signals for PSG input (flow, pressure, leakage)
- Graphic analysis with PC software SOMNOsupport or WEINMANNsupport and extensive diagnostic information for therapy monitoring: RDI, respiratory events, snoring, relative respiratory minute volumes, leakages, etc. plus compliance data (therapy calendar)
- Remote setting with SOMNOadjust or PC software SOMNOsupport or WEINMANNsupport



## More successful therapy with the best accessories

- 1 **SOMNOclick 300 – WM 24375**  
Heated humidifier
- 2 **Bacteria filter – WM 24148**
- 3 **O<sub>2</sub>-Valve – WM 24042**  
safer oxygen feed
- 4 **SOMNOsupport – WM 23975**  
PC software for settings and analysis
- 5 **WEINMANNsupport – WM 93301**  
PC software for settings and analysis

Our complete range of therapy solutions, accessories and mask systems is at: [weinmann.de](http://weinmann.de)

### Technical Data SOMNOsoft+:



<b>Product class as per 93/42/EEC:</b>	IIa	<b>Mean sound pressure level / operation as per EN ISO 17510 from patient position at distance of one meter from device:</b>	approx. 31 dB (A) at 18 hPa
<b>Dimensions (WxHxD):</b>	180 x 90 x 320 mm		approx. 29 dB (A) at 15 hPa
<b>Weight:</b>	ca. 3.4 kg	<b>Operating pressure range:</b>	approx. 27 dB (A) at 12 hPa
<b>Temperature range:</b>			approx. 26 dB (A) at 10 hPa
<ul style="list-style-type: none"> <li>■ operation: +5 °C to +35 °C</li> <li>■ storage: -20 °C to +70 °C</li> </ul>		<b>Pressure precision:</b>	approx. 23 dB (A) at 7 hPa
<b>Operation / storage humidity:</b>	≤ 95 % relative humidity (no condensation)	<b>Maximum marginal pressure for first error:</b>	4 to 18 hPa
<b>Air pressure range:</b>	600 – 1100 hPa		±0.4 hPa (1 hPa = 1 mbar ≈ 1 cm H <sub>2</sub> O)
<b>Electrical connection:</b>	115/230 V AC (±10 %), 50–60 Hz oder 12/24 V DC (with converters WM 24131 and WM 24132)	<b>Flow at max. speed at</b>	
<b>Current consumption at</b>			18 hPa: 100 l/min
<ul style="list-style-type: none"> <li>■ operation: 0.1 A    0.2 A    0.8 A    1.5 A</li> <li>■ storage: 0.02 A    0.03 A    0.5 A    0.6 A</li> </ul>		12 hPa: 130 l/min	
<b>Classification as per EN 60601-1:</b>		6 hPa: 160 l/min	
<ul style="list-style-type: none"> <li>■ Protection from electric shock: protection class II</li> <li>■ Degree of protection from electric shock: type B</li> </ul>		0 hPa: 185 l/min	
<b>Electromagnetic compatibility as per EN 60601-1-2</b>		tolerance: ±10 l/min	
<ul style="list-style-type: none"> <li>■ Radio interference suppression: EN 55011</li> <li>■ Radio interference resistance: EN 61000-4 parts 2-6, 11</li> </ul>		<b>Heating of respiratory air as per EN ISO 17510:</b>	2.5 °C
		<b>Fluctuation of ventilation pressure, measured as per EN ISO 17510 (short-term test):</b>	
		at 6 hPa: Δp = 0.4 hPa	
		at 12 hPa: Δp = 0.4 hPa	
		at 18 hPa: Δp = 0.5 hPa	
		<b>Fine filter separation level:</b>	
		up to 1 μm: ≥ 99.5 %	
		up to 0,3 μm: ≥ 85 %	
		<b>Fine filter service life:</b>	≥ 250 hrs in normal ambient air

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