

SOMNOcomfort 2e

Your sleep in top form

SOMNOcomfort 2e is the enhancement of the exceptionally successful SOMNOcomfort device which set the standard for CPAP therapy. SOMNOcomfort 2e is small, light, extraordinarily quiet and very simple to use, even more so with the integrated heated humidifier SOMNOaqua.



SOMNOcomfort 2e
with SOMNOaqua, WM 24455



SOMNOcomfort 2e,
WM 24405



Click adapter

An unbeatable duo in top form for greater compliance. The heated humidifier SOMNOaqua is ideal in many ways for patients who suffer from dried out nasal mucosa. SOMNOaqua can be inserted easily into the device housing and just as easily removed for cleaning.

Comfortable, user-friendly, dependable

- Very quiet, optimized to a pleasant mask sound
- Pressure constancy for high quality CPAP therapy
- Space-saving device design
- Patient-friendly three-key operation, including a raised on/off key
- Click adapter for standard tube
- 2-level filter system with fine and coarse dust filters
- Safe introduction of oxygen possible
- Trouble-free cleaning
- Power supply from 100 to 240 V for worldwide use
- Optional DC adapter for mobile use can be connected to 12 V or 24 V, also for use with a humidifier
- Read-out of compliance data with PC software SOMNOsupport or WEINMANNsupport
- Remote settings with SOMNOadjust
- Supplied with trolley-suitable bag
- The optional integrated humidifier SOMNOaqua can be easily installed in the device housing. It features high performance, convenient operation and very simple cleaning.



More successful therapy with ideal accessories

- 1 SOMNOaqua – WM 24403**
Heated humidifier
- 2 Bacteria filter – WM 24476**
- 3 O₂-Valve – WM 24042**
safe oxygen introduction
- 4 SOMNOsupport – WM 23975**
PC-Software for setting and analysis
- 5 WEINMANNsupport – WM 93301**
PC software for setting and analysis

Our complete range of therapy solutions, accessories and mask systems is at: weinmann.de

Technical Data SOMNOcomfort 2e



Product class as per 93/42/EEC:	IIa			CPAP operating pressure range:	4 – 20 hPa	
Dimensions (WxHxD):	210 x 90 x 270 mm			Pressure accuracy:	±1 hPa (1 mbar = 1 hPa ≈ 1 cm H ₂ O)	
Weight:	about 1.7 kg			Modes:	CPAP	
Ambient temperature ■ operation: ■ storage:	+ 5 °C to +35 °C -40 °C to +70 °C			Softstart:	5 – 30 minutes	
Operation / storage humidity:	95 % relative humidity (no condensation)			Max. marginal pressure with malfunction:	< 30 hPa	
Air pressure range:	600 - 1100 hPa (automatic altitude compensation)			Flow at maximum speed:	at 20 hPa: 115 l/min at 15 hPa: 125 l/min at 10 hPa: 145 l/min	
Diameter of breathing hose connection (mask):	19.5 mm (suitable for 22 mm standard cone)				at 0 hPa: 175 l/min Tolerance: ±15 l/min	
Electrical connection:	115–230 V AC, 50–60 Hz with power supply WM 24480, or 12–24 V DC with DC-Adapter WM 24469			Heating of respiratory air as per EN ISO 17510:	2.5 °C	
Current consumption at	230 V	115 V	12 V	Short-term constant pressure level measured as per prEN ISO 17510:2004:	at 20 hPa Δp 0.5 hPa at 15 hPa Δp 0.5 hPa at 10 hPa Δp 0.4 hPa at 5 hPa Δp 0.4 hPa	
■ operation:	0.1 A	0.2 A	1.8 A	Long-term constant pressure level measured as per prEN ISO 17510:2004:	Δp = 0,1 hPa	
■ storage:	0.02 A	0.03 A	0.24 A	Fine filter separation level:	up to 1 µm ≥ 99.5 % up to 0.3 µm ≥ 85 %	
EN 60601-1 classification ■ protection from electric shock: ■ degree of protection from electric shock:	protection class II type B			Fine filter service life:	≥ 250 hours with normal room air	
Electromagnetic compatibility EN 60601-1-2 ■ Radio interference suppression: ■ Radio interference resistance:	EN 55011 B EN 61000-4 parts 2 to 6, part 11			Serial interface RS 485, 9600 Baud:	Only for connection to SOMNOadjust WM 23930 and SOMNOsupport WM 23975 by authorized personnel or for control of O ₂ valve WM 24042. ■ power consumption SOMNOadjust: max. 163 mA	
Mean sound pressure level / operation as per EN ISO 17510 in patient position at distance of one meter from device:	approx. 27 dB (A) at 10 hPa					

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