

SOMNOsoft 2e

Our quietest CPAP therapy – effective and comfortable

The CPAP therapy device SOMNOsoft 2e effectively treats Obstructive Sleep Apnea. The intelligent pressure relief softPAP assists sensitive patients who have trouble exhaling against high CPAP pressure. The graphic presentation of obstructive and central events, which are reliably distinguished by OPP technology, gives the treating physician ideal input for diagnoses and therapy decisions. Work processes are significantly optimized with use of the SD card.



With SD card:
data transfer made easy

SOMNOsoft 2e with
SOMNOaqua, WM 29860

Comfortable therapy

- Extremely quiet
- With the intelligent pressure relief softPAP
- softSTART

Convenient operation

- SD card to optimize work processes:
 - Easy data transfer for therapy monitoring and compliance data
 - Simple first-time device configuration
 - Uncomplicated exchange of devices
 - With therapy diary for patient – requires no additional software
 - Practical device setting with the help of the master card

- Extensive statistical data clearly presented
- User-friendly patient information menu
- Convenient remote setting with PC software WEINMANNsupport
- Additional analog signals for PSG feed: pressure, flow, leakage, OPP, relative respiratory minute volume

Safety

- OPP technology (Obstructive Pressure Peak) distinguishes central and obstructive apnea for greatest therapy effectiveness and provides solid basis for decisions by doctor
- Mask test ensures a comfortable and secure fit of the mask.
- Qualitative leakage display during therapy – to ensure effectiveness

Device description	WM-no.
SOMNOsoft 2e in white	29820
SOMNOsoft 2e in white with SOMNOaqua	29860
SOMNOaqua	24403

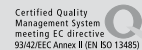


Accessories

- 1 **SOMNOaqua – WM 24403**
heated humidifier 300 ml
- 2 **Bacteria filter – WM 24476**
- 3 **HYBERNITE Superday – WM 29045**
heated tubing system
- 4 **DC adapter – WM 24469**
for use with 12/24 V
- 5 **SOMNOalarm – WM 29750**
external leakage alarm device
- 6 **O₂ valve – WM 24042**
safe oxygen feed
- **Envelope for SD card – WM 29779 (not shown)**
envelope for letter post
- **WEINMANNsupport – WM 93301 (not shown)**
PC software for setting and analysis

For more information on our therapy solutions, accessories and mask systems please visit weinmann-medical.com

Technical data SOMNOsoft 2e



Product class as per directive 93/42/EEC:	IIa	Electromagnetic compatibility as per EN 60601-1-2	Test parameters and limits may be requested from manufacturer. ■ Radio interference suppression: EN 55011 B ■ Radio interference resistance: EN 61000-4 Parts 2 to 6, Part 11
Dimensions (W x H x D):	210 x 90 x 270 mm	Mean sound level/ Measured in patient position one meter from operating device as per EN ISO 17510:2009:	about 25.8 dB(A) at 10 hPa
Weight:	about 1.7 kg	Operational pressure range, pressure precision:	4 to 20 hPa ±0.6 hPa (1 mbar \approx 1 hPa \approx 1 cm H ₂ O)
Temperature range ■ Operation: ■ Storage:	+5 °C to +35 °C -40 °C to +70 °C If the device is operated at +40 °C, the air supplied may have a temperature of up to 42 °C.	Max. pressure in event of failure:	< 40 hPa
Relative humidity, Operation and storage:	95 % rel. humidity (no condensation)	Flow at max. rotation:	20 hPa 115 l/min 0 hPa 175 l/min 10 hPa 145 l/min tolerance ±15 l/min
Air pressure range:	700 – 1100 hPa (automatic altitude adjustment makes operation up to 2500 meters possible)	Heating of respiratory air:	2.5 °C
Connection diameter air hose (mask side):	19.5 mm (suitable for 22 mm norm conus)	Short-term pressure constancy with 10 breaths/min as per EN ISO 17510-1:2009 at:	20 hPa $\Delta p = 0.2$ hPa 16 hPa $\Delta p = 0.2$ hPa 12 hPa $\Delta p = 0.2$ hPa 8 hPa $\Delta p = 0.2$ hPa 4 hPa $\Delta p = 0.2$ hPa
Electrical connection:	115 – 230 V AC +10/-15 %, 50 – 60 Hz with power unit WM 24480 or 12 – 24 V DC +25/-15 % with DC adapter WM 24469	Fine filter separation level	up to 1 μ m: $\geq 99,5$ % up to 0.3 μ m: ≥ 85 %
Current consumption at	230 V 115 V 24 V 12 V ■ Operation: 0.1 A 0.2 A 0.9 A 1.8 A ■ Standby: 0.02 A 0.04 A 0.2 A 0.4 A	Fine filter service life:	about 250 hours in normal ambient air
Classification as per EN 60601-1:2005 ■ Protection from electric shock: ■ Degree of protection from electric shock: ■ Protection from harmful penetration of water: ■ Operational type:	protection class II type BF IPX1 continuous		

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