

Mobile Low Vacuum System

Thoraflow-mobil

The electronic, battery operated mobile low vacuum system is a small and very efficient assistant for post-surgical care:

Thanks to the light, compact and easy-to-handle low vacuum suction pump patients become very early independent from fixed wall vacuum connections and thus much earlier mobile. This means a **faster and better recovery of the patients**, improves their satisfaction and at the same time **relieves hospital staff** of permanent dis- and reconnection activities.

In addition the vacuum pump is suitable for **transportation of patients**. As no disconnection of the patient from fixed wall vacuum connections is required any longer, danger of contamination and infection as well as work load for hospital staff is reduced considerably.

Fields of Application:

- Suction of air, secretion and blood out of the pleura after thorax-surgical operations.
- Maintaining vacuum in the pleura after spontaneous pneumothorax
- Use as transport suction

Save application: Alarm function in case of:

- Pressure loss or unreached set vacuum level
- Bent vacuum tubes
- Full secret container
- Low battery voltage

Advantages:

- Intuitive and easy handling
- Low Noise operation / long battery operation
- Direct recognition and elimination of leakages
- **Cost efficiency** due to individual and adequate secret containers
- **Cost savings** for single use system and its disposal compared to other systems.
- Required time for prophylactic measures can be adapted to the degree of the independence of the patients
- Personal hygiene by patient himself is possible much earlier
- Handy plexiglass carrier rack for patients
- Higher patient's satisfaction



The low-vacuum system consists of a powerful low vacuum suction pump, a single-use system of secret bottles, vacuum tubes and bacteria filter. The system is supplemented by a set of pump and bottle holders: A **plexiglass holder for the patient** to carry and a **stainless steel holder** to fix pump and bottles at any hospital bed.

Technical Data

Maximum vacuum pressure	-100 mbar
Maximum battery operating time – pump running time of 70%	Approx. 4 hours
Maximum battery operating time – normal operation (low pressure loss)	Approx. 8 hours
Dimensions (w x h x d)	100 x 150 x 55mm
Weight	410g
Nominal input voltage for battery charger:	230V / 50Hz
Batteries, rechargeable	4 pieces NiMH 1,2V size AA 1000-3200mAh
Protection classification	III
Digitally adjustable vacuum	-3 to -100 mbar with 25% deviation under nominal value
Alarm sound and vacuum warning light	
MPG classification	Ila



Our quality management system is certified according to EN 9001, EN 46001 and Directions 93/42 EWG appendix 2 (complete quality assurance system). This product is a medicine product class II A in compliance with the German Medicine Product Law and carries the CE mark:

CE 0499

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