

Mobile Programmable Low-Vacuum System – **MV1**

The new powerful electronically controlled mobile low vacuum system offers a great range of applications **independent of fixed vacuum and power supplies**:

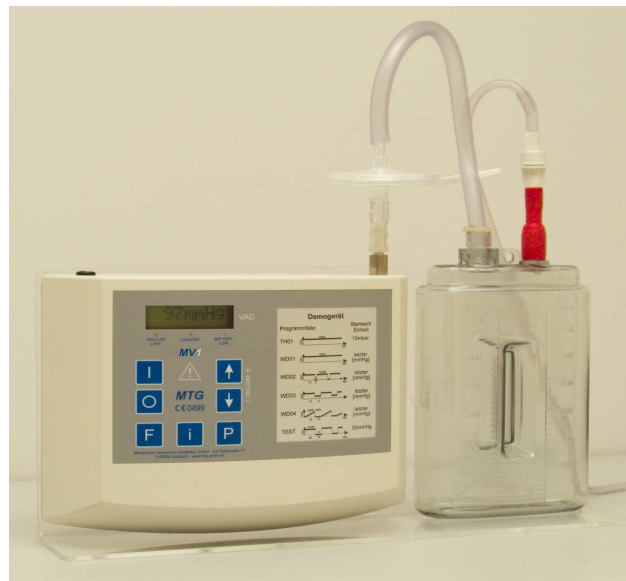
Apart from typical mobile post-operative pleura care, the new and more powerful system is made for further appliances, which require e.g. a higher vacuum or special programme sequences. A **maximum vacuum of -550 mbar** and a **totally free programmability** open up a very broad field of applications as well as a high individuality.

Fields of Application:

- Wound drainage, Redon drainage, suction of body secretion
- Maintaining vacuum in the pleura after spontaneous pneumothorax
- Transport suction
- Customized programmes for additional applications

Save application – Alarm in case of:

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



Advantages:

- Intuitive, easy handling – small and light
- Low Noise operation / long battery operation
- Easy and early mobilisation of patients: **Reduces work load for hospital staff**
- Reduced danger of contamination as disconnection/change of device unnecessary
- 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.
- Higher **patient's satisfaction**

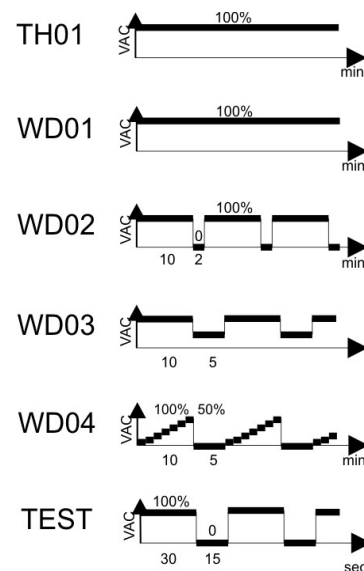


The vacuum system consists of a powerful low vacuum suction pump, a single-use system of secret bottles, vacuum tubes and bacteria filter. The system is supplemented by a set of pump and bottle holders: A **plexiglass holder for the patient** to carry and a **stainless steel holder** to fix pump and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

Technical Data

Maximum vacuum	-550 mbar (Limitation by programme)
Absorptive capacity	3,8 l / min
Maximum operating time on batteries with 100% pump power-on time	> 4 hours (new accumulator pack)
Maximum operating time on batteries on normal operation (little air loss)	> 8 Stunden (new accumulator pack)
Dimensions (w x h x d)	200 x 150 x 70mm
Weight	1070 g
Mains adapter	Primary 100-240 V / 50-60 Hz Secondary 12V / 2,5 A
Accumulator pack	Accumulator pack 12V, 2100 mAh
Protection class	II
Vacuum adjustable	Programme controlled
MPG Classification	Ila
CE-Mark	CE 0499

Program list Standard programs



Order details:

19000	MV1 programmable low-vacuum suction pump
19001	Mains adapter for MV1
19010	Stainless steel holder for MV1 and 1 L single use collecting system for thorax applications
19020	Acrylic-glass carrier for MV1 and 400 ml single use collecting system for wound drainage
19100	MV1 complete set for Thorax applications
19110	MV1 complete set wound drainage
18022	Bacteria filter with Luer-Lock-connection and hose
18028	Plastic bottle 1000 ml
18029	Hose system with bottle 250 ml (for Thorax applications)
18030	Hose system with bottle 1000 ml (for Thorax applications)
18031	Hose system with bottle 400 ml without check valve (for wound drainage)
18032	Hose system with bottle 400 ml (for Thorax applications)
18035	Redon-Connector CH6 - CH18
18041	Stainless steel sickbed holder for acrylic glass carrier
18043	Shoulder strap for acrylic class carrier