

## Mobile extraction system for aerosols and pseudo gas

**With the mobile suction system, the company vent-medis offers you an ideal additional device for increasing the safety during lung ventilation with active aerosols and quasigases. The mobile device is easy to handle, easy to use and requires little space (footprint 40 x 50 cm).**

With this system you can achieve additional safety when using aerosols and quasigases. The device sucks in the ambient air in the head area of the patient and filters it. If aerosol / quasigas escapes due to a patient error during exhalation or due to a sudden coughing, it can be aspirated and thus greatly reduced indoor air contamination.



**The filter unit** in the device is specially designed for technetium graphite particles and contains a powerful dual filter system consisting of a pre-filter and a long life high-performance ULPA (Ultra Low Penetration Air Filter) filter.

**The controller unit** of the device has a digital full-text operating panel with speed control, filter monitoring and operating hours counter.

**The swivel arm** has a tube diameter of 7.5 cm and a reach of 85 cm. The round, transparent dome hood has a patient-friendly diameter of 50 cm.

**The housing** is made of sturdy sheet steel and runs on smooth-running double castors. It has a wide device handle on the top as well as a large cable holder with combined wall protection on the back. The housing is not lead shielded.

**Note:** The device has a CE approval, but is not a medical device.

### Technical data of the filter device:

Flow rate: ca. 550 m<sup>3</sup> / h  
Pressure difference: 2600 Pa  
Motor rated power: 360 W  
Speed: max. 5830 rpm

Rated voltage: 230 V, 50 Hz  
Current consumption: 1,6 A  
Dimension WxDxH: 40x57x76 cm  
Weight: about 50 kg

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