

WEINMANN
medical technology

MEDUVENT Standard

The turbine-driven ventilator for
emergency response



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MEDUVENT Standard

Space-saving, lightweight and simple to operate. MEDUVENT Standard is one of the smallest, lightest emergency and transport ventilators in its class. Ready for use it weighs just 2.1 kg and has a volume of 3.5 l. The rapid initiation of ventilation is ensured with the start function by selecting the height or the emergency modes. You can adjust other settings during treatment. The user interface has a clear and intuitive design, with one-button operation for navigation. MEDUtrigger supports manual ventilation through simple operation and automatic trigger of two mechanical breaths. A full battery charge operates the device for 7.5 hours on average.

Flexible oxygen supply

One major advantage of MEDUVENT Standard is its high degree of flexibility for the oxygen supply. The turbine-driven ventilator can operate with an oxygen concentration of 21 % to 100 %. MEDUVENT Standard does not consume any oxygen and can therefore also be used with limited oxygen resources.



Always reliable thanks to turbine technology

If you have to do without oxygen cylinders for tactical reasons, MEDUVENT Standard can also be used entirely without medical oxygen: You can also supply the patient with ambient air or concentrator oxygen (93 %).

MEDUVENT Standard



21 % - 100 % O₂i



Mix in O₂ at any time



Rapid start



Contamination protection



Lightweight and compact



Intuitive and ergonomic

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Everything at a glance:

- Values
- Settings
- Modes

Long operating time and fast charging:

- Operating time of approx. 7.5 h
- From 0 % to 95 % charge in just 2.5 h

Globally compatible oxygen inlet for:

- O₂ cylinders
- Oxygen concentrators
- Central gas supply systems

Flexible charging options:

- 12 volts
- 230 volts

SD card for:

- Storing data
- Transferring device configurations
- Performing software updates

Easy to use:

Just one navigation knob

Hygiene filter protects:

- Patients
- Emergency staff
- Device from contamination

Manual mode:

MEDUtrigger instead of a bag-valve mask



Standards

Consistent serviceability on the ground and in the air:

- Airworthiness certified to EN 13718-1, RTCA/DO 160G, EN 60601-1-12
- IP54 degree of protection

Certified robust by:

- Successful shock and vibration tests to MIL-STD 810 G, RTCA/DO 160G and EN 1789
- CBRN TIL test based on EN 12942 TM 3

Emergency and transport ventilator certified in accordance with:

- EN 794-3 and ISO 10651-3

Our specialist offering is tailored to military medical corps

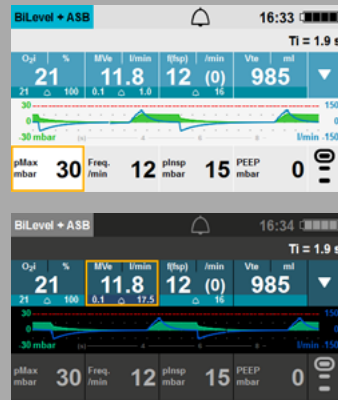
We offer you lots of flexibility for storage and transport options. The new CBRN filter protects patients from CBRN hazards.

Start ventilation quickly and reliably

Patients need ventilation using the correct parameters as soon as possible. The emergency modes provide rapid initiation of ventilation. Initiating treatment based on height is also quick and can be adapted to the person being treated even more individually. Simply enter sex and estimated height and the device will start the ventilation with the calculated parameters. These parameters can of course be adjusted at any time.

Storage & transport options

WEINMANN Emergency offers transport options and compatible protective bags for MEDUVENT Standard: hygienic, easy-to-use, safe and rugged. Options range from the protective bag with the MOLLE system, holders for vehicle installations, to storage and transport boxes. The safe storage and transport of the devices is therefore ensured in all emergency situations.



The right options for the perfect setup

MEDUVENT Standard can be used for both invasive and non-invasive ventilation.

Standard modes:

- IPPV
- CPAP
- Manual

Additional options:

- SIMV, S-IPPV
- FlowCurve Pro (including flow measurement, Assisted Spontaneous Breathing (ASB) and curve display)
- Pressure-controlled ventilation (modes: PCV, BiLevel + ASB, aPCV, PRVC + ASB, SIMV + ASB) (prerequisite: FlowCurve Pro option)
- CBRN (requires connection kit for CBRN filter)