



Pediatrics

Clinical Experience
+ Technical Competence



EVE⁰⁰NEO

Safe and gentle Ventilation
for little Patients

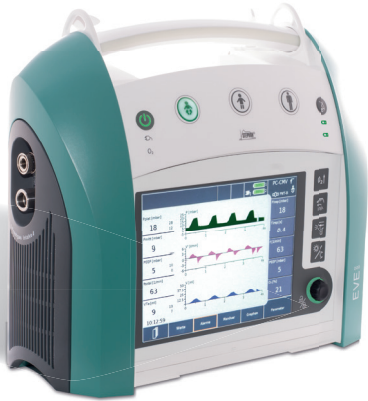
easy - light - smart

- + Intuitive, user-friendly Operation Concept
- + Synchronized non-invasive Ventilation via external Trigger
- + Integrated, extremely quiet Turbine
- + Tidal Volume starting at 2 ml





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EVE_{NEO} Compact, Flexible,

At the Site of an Emergency, every Second counts

In developing **EVE_{NEO}**, priority was given to immediate operational readiness. After a short self-test, **EVE_{NEO}** is ready for operation without prior complex calibration processes. The suitable ventilation scenario can be selected with the push of a single button. Thanks to the intuitive operational concept, it is easily adjustable to the little patient's individual needs.

EVE_{NEO} – We care for little Patients from Birth through to Intensive Care

For primary care via T-piece, during incubator transport or inside the intensive care unit:

EVE_{NEO} always offers the best possible ventilation for little patients and supports their first steps into life.

EVE_{NEO} works with all power supplies and can be connected virtually anywhere, even in helicopters or ambulance vehicles, by means of its versatile mounting system.





Mobile

Compact, Flexible, Mobile

With its internal, extremely quiet turbine and rechargeable battery range of up to eight hours, **EVE_{NEO}** is virtually independent of gas and power supplies.

The robust, compact design and low weight (approx. 6 kg) make **EVE_{NEO}** optimally suited for mobile use.

EVE_{NEO} – the Intensive Care Respirator with state-of-the-art Ventilation and Sensor Technology

A dedicated docking station featuring power supply, cylinder bracket, PDMS and staff call button makes **EVE_{NEO}** a versatile intensive care respirator utilizing state-of-the-art ventilation technology. All required invasive and non-invasive, pressure and volume controlled ventilation forms are available. Basic ventilation modes can be combined with additional options, such as PRVC, PSV and tube compensation, ensuring optimal supply for the little patients. **EVE_{NEO}** also offers a variety of different breathing maneuvers as well as the increasingly important high flow therapy. Another important factor: thanks to the integrated MASIMO® technology, all Rainbow parameters are available.



Informative and detailed Monitoring

EVE_{NEO} may be operated via a high-definition 8.4" touch screen and twist-and-push knob. Detailed monitoring guarantees both safe and efficient control.

Precise and informative lung diagnostics are possible via expiratory CO₂ measurement and loops.

External Trigger

We have developed a synchronization system capturing abdominal movements of the patient by means of an external respiration sensor. It then converts them to a stable, responsive (<30ms) trigger signal, allowing non-invasive, synchronized, lung protective ventilation strategies using **EVE_{NEO}**.

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EVE[®]NEO Compact, Flexible, Mobile

