

VENTILATION



LEONI PLUS

Leoni plus is suitable for the long-term ventilation of very small preterm infants, neonates and children weighing up to 30 kg. In addition to the basic ventilation modes CPAP, IPPV/IMV, S-IPPV and SIMV, the device also features two PSV modes. Furthermore, the administered tidal volume can be limited using the volume limit function. In the assisted ventilation modes, a volume-controlled tidal volume guarantee is available.

The exact hot-wire flow sensor which can be positioned close to the patient allows automatic readjustment of trigger sensitivity relative to the patient's tidal volume (VT trigger adaptation).

The extremely powerful, integrated high-frequency module Leoni HFO* functions according to the membrane principle, the frequency range is between 5 and 20 Hz it and can be used with patients weighing up to 12 kg. Amplitude control is regulated and compensates for any leaks or compliance changes in the control range.

The device is extremely easy and intuitive to control using either a 12" color display or a control knob. To ensure optimum ergonomic adaptation to the space available in the ward, the display can be removed and attached directly to the thermotherapy device or, alternatively, to a ceiling fitting. All essential settings, measurements, alarm limits and graphic information, such as curves and loops, can be seen at a glance. The display can be configured by the user according to personal requirements. For example, the number of curves and loops and the measurements shown are freely selectable.

The key advantages at a glance:

- HFO according to the membrane principle
- Volume-controlled ventilation
- PSV ventilation
- NIV (nCPAP, nIPPV, HiFlow, nHFO)*
- VT trigger adaptation
- 12" TFT color display, can be removed
- Extremely simple operation – no submenus
- Curves and loops
- Up to 200 minutes of battery operation

* Optional