

elisa

Intensive Care Ventilator



Elisa
Intensive Care Ventilator



Elisa
with Mobile Stand

Intensive Care Unit

Narcotic Module

Compressor



elisa + hypnos

The hybrid anaesthesia respirator "Elisa + Hypnos" combines the differentiated ventilation of emergency patients with the implementation of non-invasive ventilation therapy. Elective and urgent intubations can be performed using the usual induction and emergence techniques without additional ventilation aids. Differentiated ventilation therapies, comprehensive numerical and graphic information on the current ventilation situation and the implementation of non-invasive ventilation are carried out using a tried-and-tested ventilation user concept.

The Hypnos module can be used for the following applications

- Oxygen insufflation and preoxygenation with adjustable oxygen concentration
- Manual ventilation with adjustable oxygen concentration and APL valve
- O₂ flush to fill the hand bag or for the short-term compensation of occurring leakages

As a half-open system with a non-rebreathing valve, the Hypnos module enables

- anaesthetic induction and emergence as part of total intravenous anaesthesia
- anaesthetic induction and emergence for short interventions and diagnostic interventions without volatile anaesthetics
- the performance of preoxygenation and manual ventilation prior to intubation in intensive care and recovery rooms



Elisa + A40
Intensive Care Ventilator
and Medical Air Compressor

The compressor A40 is an ideal accessory for the intensive ventilator elisa. The A40 can be used either as the main or as a back-up gas supply.

In the event of a sudden central gas supply failure, the A40 starts up immediately, supplying the necessary air pressure. The low-noise A40 produces oil-free medical air and is available in two versions as a "stand-alone" device and with an apparatus holder plate.



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Intensive Care Ventilator

The Elisa from Heinen + Löwenstein is an intensive care ventilator for adults and children from the age of one year or a body weight of 5 kg. The Elisa can be optionally used for ventilation of newborn patients with a body weight from 2 to 6 kg.

Modern microprocessor technology, precise measurement techniques and efficient technologies assure an accurate ventilation therapy and individual ventilation strategies.

Invasive and non-invasive ventilation

Elisa provides the clinical practice orientated combination of both invasive and non-invasive ventilation in a single device. You can choose between spontaneous or controlled non-invasive ventilation strategies. The modern intensive care ventilator measures the expiration volume precisely and includes a reliable leakage compensation.

Flexibility and mobility

The swivel-mounted and removable colour display offers extra comfort. It can be bed- or wall-mounted, independent of the position of the ventilator. The practical trolley for the device and an external battery pack assure a maximum of flexibility and mobility.

Additional option

The software option "CO₂ monitoring" for Elisa enables CO₂ concentration to be measured using main and sidestream CO₂ sensors. As well as displaying the CO₂ chart in the desired units, alarm limits can be set for inspiratory and expiratory CO₂ concentration.

Benefits of Elisa

- Dynamic BiLevel to avoid volutrauma
- Wide range of respiration forms from newborn to adult / from IPPV to BiLevel
- Innovative pre-oxygenation function to reduce oxygenation determined dystelectasis
- Comprehensive security and hygiene concept
- Intuitive operation
- 12" TFT touchscreen with a swivel-mounted and removable colour display
- Automatic patient detection (APD)
- Flexible and mobile device
- Reduced patient stress by intelligent alarm management
- Automated adaptation of inspiration pressure according to the type of ventilation