

Platform Development path



elisa 600

elisa 800

elisa 800 VIT

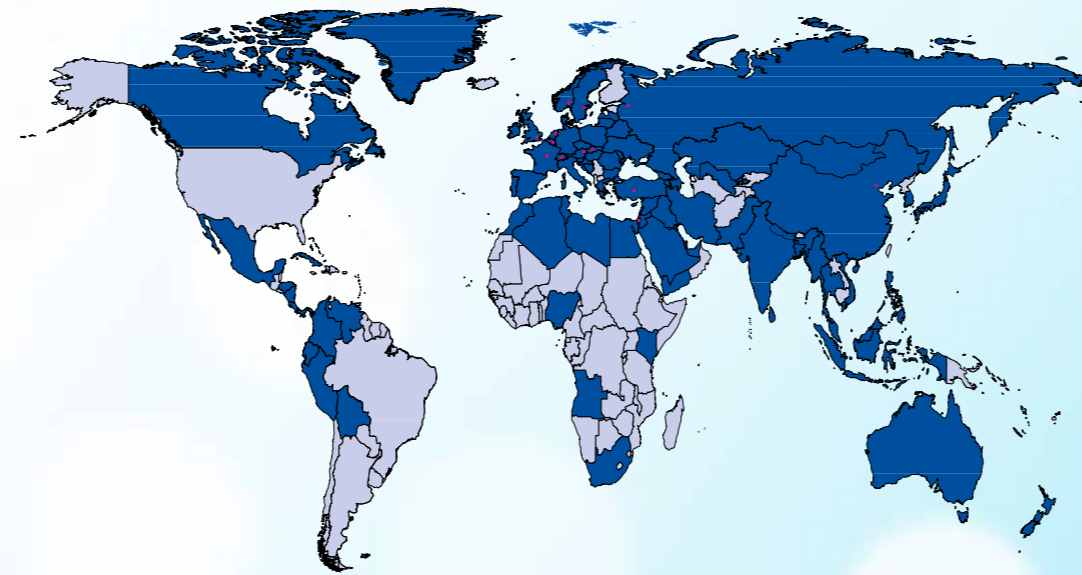
Heinen + Löwenstein has developed and manufactured user friendly solutions for breathing therapy and intensive ventilation for more than 30 years. Worldwide we belong to the technologically leading suppliers in this field. Our most important aims are safety, comfort, optimal treatment results and easy operation of the equipment. The spectrum of our technologies includes all of the current ventilation techniques as well as equipment for all areas of operation.

Thanks to their high level of competence and well-balanced ventilation product range, Heinen + Löwenstein can feature solutions for almost any case of application from home therapy up to invasive and non-invasive ventilation.

Your distribution partner:



Heinen + Löwenstein
worldwide



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Heinen + Löwenstein
Arzbacher Straße 80
D - 56130 Bad Ems
Germany

Fon: +49 26 03/96 00 0
Fax: +49 26 03/96 00 50
Internet: hul.de
E-Mail: export@hul.de



Intensive Care Technology

- Homecare
- Pneumology
- Neonatology
- Anaesthesia
- INTENSIVE CARE VENTILATION
- Sleep Diagnostics
- Service
- Patient support



elisa 600

elisa 600 is an innovative standard breathing respirator for invasive and non-invasive artificial respiration in the case of all clinical conditions, for all intensive care activities and for patients weighing 3,5 kg and more.

A variety of hardware and software options allow for individual configuration to be made according to the requirements at hand, as well as providing for an artificial respiration platform that is assured a good future.

elisa 600 enables entry to the premium class of modern respirators with the highest quality of ventilation and extensive measurements. In the balance between financial investment and possible future developments the elisa 600 is the innovative ventilation platform for now and in the future.

elisa 600

elisa 800

elisa 800 is used in intensive care and well-suited for NIV, weaning indication, dynamic BiLeveling, tube compensation, nebulisers, weaning analyzers and PEEPfinder. Ready for Heliox.

Advantages of the elisa 800 intensive care ventilator - Simply flexible!

- Powerful hardware
- Modular software concept
- Expandable ventilation architecture
- Versatile interfaces
- Versatile option boxes
- Intelligent cable management
- Intelligent acoustic alarm system
- State-of-the-art power management
- Light sensor for day-night adjustment
- Heliox-ready
- Integrated ventilation protocol

elisa 800

elisa 800 VIT

VIT – Ventilator Integrated Tomography is the world's first fully integrated EIT system in an intensive care ventilator. The non-invasive pulmonary monitoring of the elisa 800 VIT visualizes for the first time ventilation-related complications and allows for direct therapy at the intensive care ventilator. As a result, ventilation becomes transparent as well as directly controllable.

- reduces intra-hospital transports of critically ill ventilated patients
- objectivizes ventilation settings and allows for adjusting them under visual control
- helps identify and reduce ventilation-related complications
- allows for managing prone positioning therapy with pulmonary monitoring to optimize ventilation
- identifies and prevents pulmonary collapse associated with the respiratory cycle

elisa 800 VIT

elisa

The elisa universal intensive care ventilator was developed for all patient categories, starting from a body weight of 2 kg. Its state-of-the-art microprocessor technology, precise measuring techniques, and efficient technology guarantee accurate ventilation, economic operation, and patientspecific ventilation strategies.

Application areas of the elisa edition intensive care ventilator:

- Application in intensive care units
- Suitable for applications involving NIV ventilation, tube compensation, weaning indicators, and dynamic BiLevel

elisa

elisa + Hypnos

Anaesthesia and Intensive care station elisa + Hypnos serves as a ventilation system for difficult situations in functional diagnostics, pulmonology and in intensive care.

As a semi-open system with non-rebreathing valve, the Hypnos module offers the following functions:

- Inducing and ending anaesthesia within the scope of total travenous anaesthesia
- Preoxygenation and manual ventilation prior to intubation in intensive care and recovery units
- Preoxygenation and manual ventilation prior to intubation in intensive care and recovery units
- Ventilation in difficult situations such as rigid bronchoscopy and in functional diagnostics

elisa + hypnos

NI 60

NI 60 is a compact intensive care ventilator for acute and postoperative ventilation of infants, children and adults that combines ease of use with maximum performance. Thanks to its integrated O₂ measurement and built-in battery power, NI 60 is the perfect supplement to your ventilation strategy outside of the ICU.

Application areas of the NI 60 clinical ventilator:

- Application in intensive care units, IMC and in the emergency room
- Suitable for applications involving non-invasive ventilation, helmet ventilation, nasal CPAP and dynamic BiLevel

NI 60

charisma

charisma stands for a new generation of clinical respiratory therapy devices, which were specifically developed for today's demands and are suited for all CPAP therapy modes. Thanks to their ease of use, various respiratory therapy modes, integrated oxygen measurement without consumables, and adjustable alarm limits, these devices can be used in acute care, physiotherapy, and general nursing care alike.

Application areas of the charisma clinical high-flow CPAP device:

- Applications in intensive care units, IMC, anaesthesia, general care units and in the emergency room
- Suitable for applications involving helmet ventilation, nasal CPAP and high-flow CPAP

charisma

alpha 301/302

alpha 301 and alpha 302 - the clinical IPPB device that improves ventilation through recruitment.

The slow, deep inspiration supported by the respiratory therapy device always improves pulmonary ventilation, gas exchange, and aerosol deposition. The optional, adjustable exhalation stricture contributes to this as well by ensuring that poorly ventilated peripheral lung segments receive a better gas supply.

Application areas of the alpha 301 and alpha 302 IPPB therapy devices:

- Application in intensive care units, IMC, general care units and in anaesthesia
- Suitable for applications involving IPPB therapy

alpha 301/302

Smart 50 ekom

The Smart 50 is a medical air compressor. The intended use is the wide range of ventilators on ICU, neonatology and anaesthesia, as a backup for medical gas supplies, or as an independent air supply. It can be used as a primary source of air or an automatic stand-by source for the case of a failure of the central source in the medical establishment.

The compressor contains of an oil-free piston driven by a low-maintenance electric motor. The model with a membrane dryer (option) is intended for applications that require a higher level of air dryness. The outlet pressure is delivered on a constant level and the built-in air tank enables peak air consumption of 200 L/min.

The compressor is equipped with indicator for output pressure, operating hours, power status, drying sufficiency and battery condition. The acoustic and optic alarms activate to warn of high operating temperature, low output pressure and loss of power.

Compressor SMART 50