

Respiratory assistance

The images contain optional accessories which can be ordered in addition.
Please inquire further information.



LEONI 2

Leoni 2 is suitable for long-term ventilation of very small premature 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 ventilation modes, nIPPV* and nCPAP*. Furthermore, the volume limit function can be used to restrict tidal volume delivered.

The precision hot-wire flow sensor at the patient end allows automatic readjustment of trigger sensitivity relative to the patient's tidal volume (VT trigger adaptation).

All the essential settings, readings, alarm limits and the pressure wave are available at a glance. There are more waves and loops on the graphic menu. In order to expand the range of possible uses Leoni 2 features an integrated battery.

*Optional

LEONI MOBIL

The up-to-date technology of Leoni mobil allows safe and balanced ventilation during the initial medical care of extremely light-weight premature babies up to infants of 30 kg body weight.

The integrated LCD screen displays setting parameters and measured values as well as the inspiratory pressure curve. Individual adjustment of the inspiratory and expiratory flow strictly reduces gas consumption.

With the integrated battery, battery operated running time is up to 2,5 hours while the remaining running time is being displayed to the minute.

ISOTHERM

The Isotherm heating lamp - made by Heinen + Löwenstein - was specially designed for the warming of infant diaper changing tables and maintaining a baby's body temperature.

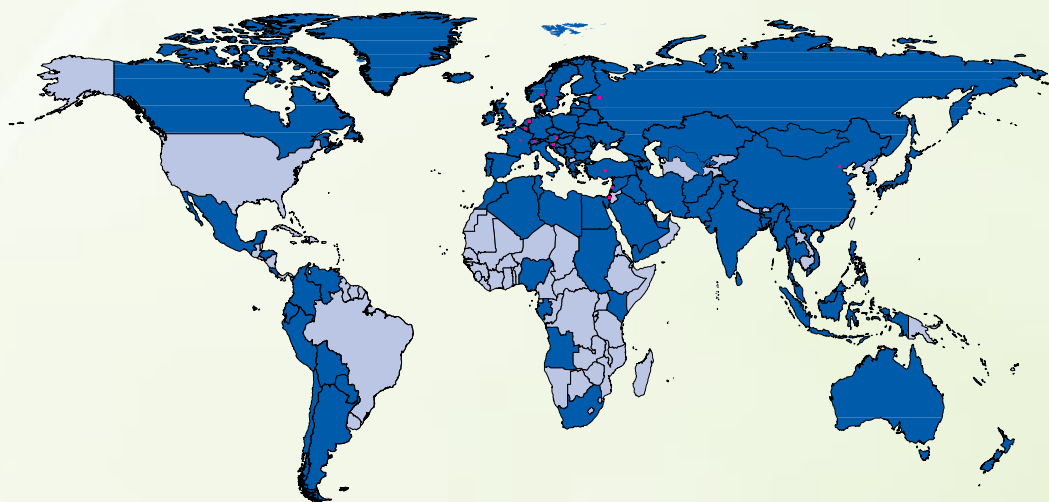
Isotherm is equipped with a ceramic heating element and an integrated halogen examination lamp.

- 4 power settings (factory settings of 25, 50, 75 and 99%)
- Heating power can be set as desired according to ambient and infant body temperature
- Heating power of the four levels
- 1 – 4 can be set individually

Your distribution partner:



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**HEINEN +
LÖWENSTEIN**
Lebenserhaltende
Medizintechnik

The images of our products contain optional accessories which can be ordered in addition to the Product. Please contact for more information. p-lifetherm-e/2 07/2015



LIFETHERM

Warming beds for premature infants,
neonates and babies

Homecare
Pneumology
Neonatology
Anaesthesia
Intensive Care Ventilation
Sleep Diagnostics
Service
Patient Support

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Medizintechnik

LIFETHERM

Practical orientated and flexible

A main priority of gentle care is to reduce the level of stress for the small patient, its relatives, and of course nursing staff. In conjunction with the experience of Heinen + Löwenstein in the field of warming therapy this realization has led to a user-friendly, development-oriented family of equipment. An extensive range of accessories allows it to adapt to particular specific requirements.

Warming therapy and ventilation



BENEFITS OF THE LIFETHERM SERIES AT A GLANCE:

- Generated contact warmth by gel mattress
- Large-area radiant warmth due to ceramic lamp*
- Ergonomic device with easy-clean design
- Manual skin temperature control*
- Lockable casters
- Electrical height adjustment with control from both sides of the bed*
- Gentle electric bed adjustment for head-up and head-down positions
- Front and side panels are prepared to turn down
- Wide range of accessories



leoni2



leoni mobil

LIFETHERM 2000 WARMING BED

The warming bed is available without cover, with a closed cover or with a fold up cover that can be opened on both sides, and can be upgraded with extensive accessories. It provides even heat distribution due to the heated gel mattress, which is an ideal area for the neonate. Lifetherm 2000 is the perfect solution for the intensive care of the small patients and is characterized by easy usability.

- Effective heat transfer due to panel heater
- Precision electronic adjustment of set temperature
- Display of current temperature
- Infinite electronic height adjustment (up to 20 cm) with footswitches on both sides*
- Gentle electric bed tilting by pressing a button
- Front and side panels are prepared to turn down
- Covers available that can be opened on either side, as well as one-piece covers*
- Gel mattress

*Optional accessory

LIFETHERM 2002/LIFETHERM 2003 RESUSCITATION UNITS

A family of resuscitation unit with a lot of different options for optimal adjustment to suit the application as well as the needs of the baby and operating staff. Lifetherm 2002 and Lifetherm 2003 create an excellent heatarea for the small patient.

- Swivelling, fast-response radiant heater with integrated examination lamp
- Conductive heat by a heated gel mattress
- Quiet, electric height adjustment (up to 20 cm) with footswitch control on both sides of the bed*
- Gentle electric bed tilting by pressing the corresponding button
- Fold-down side panels available in various heights
- Skin temperature control and display (accuracy $\pm 0.1^{\circ}\text{C}$)*
- Covers available that can be opened on either side, as well as one-piece covers*
- Trays which allow the attachment of control panels and ventilators
- Standard rails for attaching accessories such as catheter holders, trays or suction devices*

*Optional accessory

LIFETHERM + LEONI 2/LEONI MOBIL* WARMING THERAPY AND VENTILATION UNIT

Designed for use in the initial care of babies with ventilation and warming therapy unit.

WARMING THERAPY:

- Effective, fast-response radiant heater
- Conductive heat by a heated gel mattress
- Electric height adjustment from both sides of the bed
- Smooth electric bed tilting at the press of a button
- Panels can all be folded down
- Wide range of accessories and optional shelves

VENTILATION:

- Integrated ventilator: Leoni 2* or Leoni mobil*
- Ventilation of premature infants, neonates and children weighing up to 30 kg
- Ventilation modes:
 - Leoni 2: CPAP, nCPAP, IPPV and nIPPV
 - Leoni mobil: CPAP, nCPAP, IPPV, nIPPV, SIMV, SIPPV and PSV
- Oxygen/air blender (21 %–100%)
- Integrated oxygen monitor
- Pressure waves on graphic display
- Automatic adjustment of alarm limits to match ventilation pressure

*Optional

Lifetherm

Lifetherm

Lifetherm