



Life Saving
Medical Technology



Initial Care Ventilator for Neonatology and Pediatrics

leoni mobil

Neonatology · Anaesthesia · Ventilation · Homecare · Sleep diagnostics · Pneumology

Innovative technology for the special requirements of our little patients during initial medical care

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.

- Compact and light-weight unit
- LCD display
- Inspiratory pressure curve display
- Integrated oxygen monitor
- Electronic gas blender
- Stand-alone adjustment of the inspiratory and expiratory flow
- Built-in battery
- Remaining running time displayed to the minute
- Low voltage operation 10 – 28V DC

Technical Specification:

Control	
Control principle	time controlled, pressure limited
Ventilation	IPPV/IMV, CPAP
Frequency	5 – 200 1/min
Parameter settings	
Inspiratory oxygen concentration	21 – 100 vol. % oxygen
Inspiratory peak pressure	6 – 60 cmH ₂ O
PEEP/CPAP	0 – 20 cmH ₂ O
Inspiration time	0.1 – 2 sec.
Expiration time	0.2 – 30 sec.
Inspiratory flow	
Premature/neonate	1 – 20 l/min
Infants	4 – 40 l/min
Basic-Flow (VIVE)	2 – 20 l/min
Monitoring	
Curve representation	Pressure integrated
FiO ₂ measurement	
Pressure measurement	
P-max, Peep, P-mean	0 – 60 cmH ₂ O
Dimensions	
Casing dimensions (HxWxD)	19 x 35 x 34 cm
Weight	6.5 kg
LCD screen	5.7 "
Power supply	
Supply voltage	100 – 240V _{AC} 50/60 Hz, 10 – 28V _{DC}
Power consumption	40 Watt
Battery operation	2,5 hours
Intended use and field of operation of the Leoni mobil ventilator	Initial medical care of premature babies and neonates as well as infants up to 30 kg body weight




**HEINEN +
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