



Modern anaesthesia work stations

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

Most advanced anaesthesia support

These days a modern anesthesiological workplace no longer demands merely technical excellence, it also requires platform concepts which can be integrated completely and smoothly in the modern demanding work environment and moreover, which can be individually customized to user requirements.

By the development of Leon and Leon plus, Löwenstein Medical is setting new standards. These „personal anaesthesia work stations“ combine proven ergonomic design and hygienic concepts with top technology thus providing optimum support for your work, e.g. during the initiation and course of operations, for diagnostic purposes and other relevant hospital systems. A special highlight is the Leon mri, which has been specially developed for use in the MRI area.

ANAESTHESIA ASSISTANCE DE LUXE LEON PLUS



Like Leon, extended by the following features:

- 15" coloured TFT touchscreen display
- Precise electronic gas mixture in a wide flow range of 200 ml/min up to 18 l/min, thus usable from the semi-open to quasi-closed range
- Various gas sensor options can be selected and integrated on the screen, with and without gas identification
- Optional view of 4 real-time graphs simultaneously
- Monitoring of supply pressures with on-screen display
- Complete data management with trend display
- Pressure-supported spontaneous ventilation PSV (ASSIST)
- Additional safeguard for protection from hypoxic gas mixture settings
- Additional monitoring features optionally available
- Ventilations Modes: IMV, SIMV, PCV, Man. Spont. SPCV, PSV, HLM
- Optional: Software upgrade Neonates IMV/SIMV-Mode, PCV/ VTG Volume Guarantee Mode:
 - Adjustment of Tidal Volume: 3 – 600 ml
 - Breath Rate: 14 – 100 l/min
- The display of the triggered breaths
- The display of spontaneous breathing frequency
- The display of leakage in %

leon^{plus}

DISPOSABLE ABSORBER LEONSORB PLUS AND LEONSORB PREMIUM

Product benefits of the disposable absorber **Leonsorb plus** and **Leonsorb premium**:

- **CLIC adapter feature:** compatible with all Leon work stations
- **Reduces cost:** 15 % more soda lime than other on the market available disposable absorbers
- **Safe and clean:** no dust contact or contact with soda lime
- **Easy to use:** quick exchange during surgery and simple disposable solution



Leonsorb plus
Art.Nr.: 0209410/6



Leonsorb premium
Art.Nr.: 0209411/6

LEON SPECIFICATIONS



- 12" coloured TFT touchscreen display
- Rebreathing ventilation performance up to the standard of an intensive ventilator
- Classical gas mixture via flow tubes
- Pneumatic ventilator drive
- Patient system designed for efficient preparation and most easy assembly
- Absorber change during operation
- Ventilation technology to care for patients of any age
- Ventilations Modes: IMV, SIMV, PCV, Man. Spont., (optional SPCV, PSV, HLM)

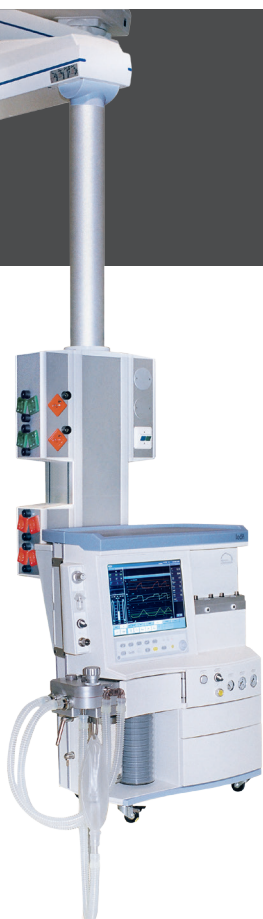
LEON MRI SPECIFICATIONS



Leon mri has been specially developed for use in the mri area with field strengths of up to 40 millitesla. It can be operated on 1,5 tesla and 3,0 tesla MRI systems. Different coloured alarms and messages indicating the priority can be easily recognised due to LED lights, which are visible from all sides, also outside the MR field.

- 12" coloured TFT touchscreen display
- Both the power spectrum and the operation of the Leon mri, match exactly, without any restrictions, those of the already well-established Leon
- A further major logistic advantage can be found in the compatibility of the compact circuit system with the Leon plus, Leon and Leon mri systems
- The position to MRI is monitored by an integrated magnetic field strength monitor
- Optional: Software upgrade Neonates IMV/SIMV- Mode; PCV/VTG Volume Guarantee Mode:
 - Adjustment of Tidal Volume: 3 – 600 ml
 - Breath Rate: 14 – 100 l/min

Wall and ceiling suspension models



Of course, the "anaesthesia supports" Leon and Leon plus are also available as units for wall and ceiling suspension. Both units are identical with the mobile cart versions.

With these options, Löwenstein Medical offers a further range of application in anaesthesia care thus making your work routines even more flexible.

Compose your own, individually scheduled work station on the basis of Leon plus. Today and for the future, you will obtain the highest possible flexibility and safety using this anaesthesia work station.



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