



Azeer Anesthesia Workstation



LEON

- Proven
- Intuitive
- Robust

ANAESTHESIA

LEON

Proven, intuitive, stable

The advances in anaesthesia treatment have resulted in rising demands for modern anaesthesia workstations. Löwenstein Medical has developed the anaesthesia machines Leon and Leon plus to meet these new demands. The devices offer top technical performance for optimal support in day-to-day work. Leon and Leon plus combine a proven hygiene concept and ergonomic design with cutting-edge technology and sophisticated expansion options. Thus, the rebreathing system ventilation performance of the Leon model reaches the level of an intensive care ventilator.

The absorber can be changed during operation. A number of platform concepts are available for ceiling or wall mounting. Leon features a 12-inch TFT touchscreen display.

Thanks to their true platform design with modular components, these modern anaesthesia machines can be fully integrated into your specific working environment to precisely match your personal workflows. The individual configuration options guarantee maximum comfort and provide optimal support during induction, in the OR, during therapy, and in any hospital system.

- Rebreathing system ventilation performance at the level of an intensive care ventilator
- 12-inch TFT colour touchscreen display
- Leon provides the following modes of ventilation: volume-controlled intermittent mandatory ventilation (IMV), pressure-controlled ventilation (PCV), synchronised intermittent mandatory ventilation (S-IMV), synchronised pressure-controlled ventilation (S-PCV), pressure support ventilation (PSV), spontaneous breathing (SPONT); following modes can be activated when needed: ventilation mode for patients on a heart-lung machine (HLM), manual ventilation (MAN), and patient monitoring during regional anaesthesia (MON)
- Conventional gas mixing using flow tubes
- Pneumatic ventilator drive
- Patient system designed for efficient preparation and easy set-up
- Absorber change during operation
- Ventilation technology suited for patients of all age groups
- Optional gas gauge with gas identification
- Integrated vacuum source for bronchial suctioning with vacuum display
- Battery life up to 100 minutes



Anaesthetic vaporisers



ANAESTHESIA

WALL/CEILING MOUNTING

The two anaesthesia machines Leon and Leon plus are also available in configurations for wall/ceiling mounting. Leon Wall and Leon plus Wall combine a proven hygiene concept and ergonomic design with cutting-edge technology and sophisticated expansion options.

Both devices offer a rebreathing system ventilation performance at the level of intensive care ventilators, high-precision electronic gas mixing in a wide flow range from 200 ml/min to 18 l/min along with a number of platform concepts for ceiling or wall mounting. The absorber can be changed during operation, and a number of platform concepts are available for ceiling or wall mounting. Both Leon and Leon plus are network-enabled for direct connection to all conventional patient data management systems (PDMS).

Moreover, Leon plus Wall is equipped with a 15-inch TFT colour touchscreen display and is available with a gas sensor with various equipment options - the gauge, with or without gas identification, is integrated into the display.

Since both devices have the same design as the stand-alone versions, Löwenstein Medical offers further application options in the area of anaesthesia that make your work processes even more flexible. Configure the workstation to suit your individual requirements on the basis of a Leon or Leon plus platform. These anaesthesia workstation modules guarantee the highest level of flexibility and safety, now and in the future.



Leon Wall



Leon plus Wall ceiling configuration

ACCESSORIES

DISPOSABLE ABSORBER

High CO₂ absorption

Leonsorb plus shows highly efficient absorption capacity in low-flow and minimal-flow anaesthesia. Test results have confirmed that the product, with a volume of 1.15 kg, absorbs over 150 litres of CO₂ before a 0.5% CO₂ breakthrough occurs. This property ultimately results in cost savings benefits associated with higher absorption.

The chemical composition of the soda lime used in Leonsorb plus guarantees a high level of CO₂ absorption. A moisture content of approx. 15.5% prevents the soda lime from drying out during operation.



LEONSORB PLUS

- Unique geometry: effective shape for CO₂ absorption
- Reduced response time generates high absorption rates
- Optimum soda lime utilisation
- Minimal dust
- Cost savings due to high absorption capacity and large absorber volume

LEONSORB PREMIUM

- Compatible with low and minimal flow
- Does not generate Compound A
- Unique geometry: effective shape for CO₂ absorption
- Optimum soda lime utilisation
- Minimal dust
- Cost savings due to high absorption capacity and large absorber volume
- Longer lasting colour change than with conventional soda lime

