

**MAQUET**  
GETINGE GROUP

**FLOW-i® ANESTHESIA DELIVERY SYSTEM  
MAKING THE EXCEPTIONAL ROUTINE**





## FLOW-i® ANESTHESIA DELIVERY SYSTEM MAKING THE EXCEPTIONAL ROUTINE



**Commitment to care:** For more than 40 years, MAQUET has been setting mechanical ventilation standards with the high performance SERVO ventilation platform. This same commitment is now being applied to Anesthesia.

**Routine procedures are not always routine:** Healthcare facilities are challenged today by rapidly changing patient demographics and an increase in complex surgical procedures. High performance ventilation and the widest possible range of support capabilities during Anesthesia is more important than ever.

**FLOW-i is the answer** for today's Anesthesiologist to provide responsive support regardless of rapid changes in patient or surgical conditions. The modular, ergonomic design of FLOW-i seamlessly combines powerful ventilatory capabilities with unique anesthetic delivery and management capabilities. FLOW-i empowers anesthesiologists with the ability to maintain optimal anesthetic parameters without compromising ventilatory support.

MAQUET – The Gold Standard.

## FLOW-i® ANESTHESIA DELIVERY SYSTEM HIGH-PERFORMANCE VENTILATION

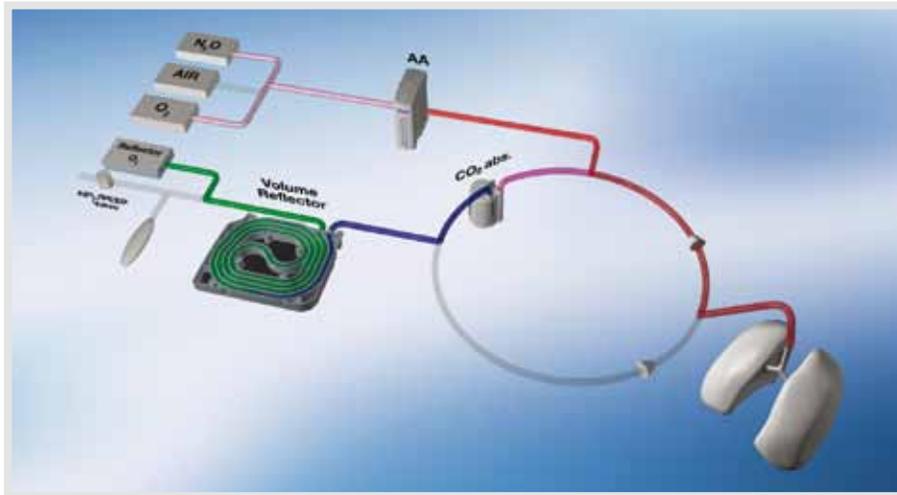
The FLOW-i Anesthesia Delivery System provides vital ventilatory advantages. Based on the unrivaled SERVO ventilation platform, FLOW-i is engineered to surpass current anesthesia ventilation standards.

FLOW-i features the innovative VOLUME REFLECTOR® technology ensuring that the breathing circuit will never be empty and ventilation will remain uninterrupted regardless of surgical constraints, changing conditions, or patient position. The VOLUME REFLECTOR is oxygen-driven by design — helping to minimize the risk of delivering a potentially dangerous hypoxic mixture in the presence of leaks during low-flow anesthesia.

FLOW-i reacts quickly to changing parameters. The low internal system volume enables rapid changes in gas concentration when needed, and facilitates fast wash-in and wash-out of anesthetic agent.

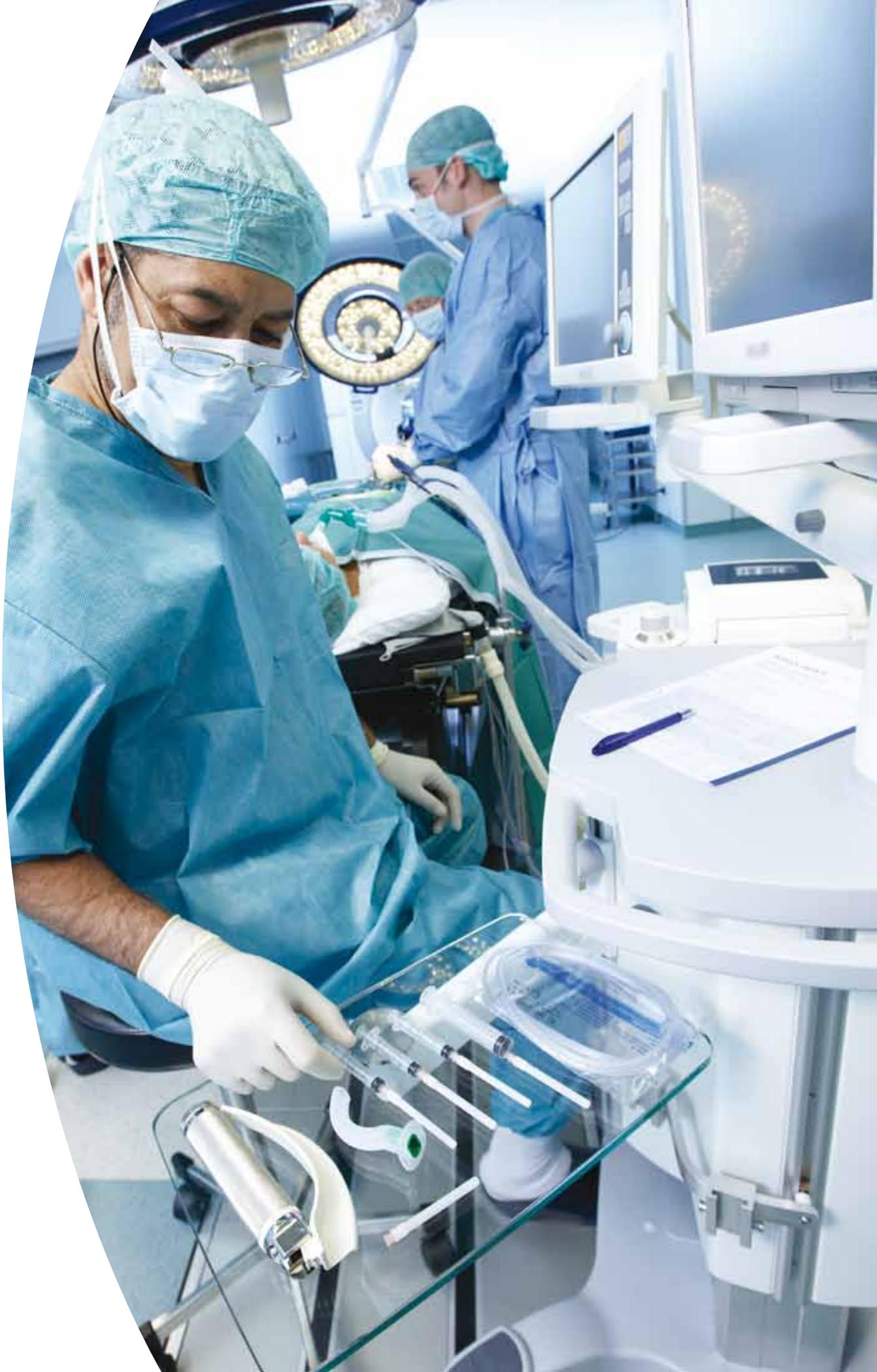
### FLOW-i high-performance ventilation features:

- Set tidal volume is accurately delivered in spite of high abdominal and thoracic pressure, helping to avoid hypoventilation.
- Fast rise time and high flow rates adapt to varying inspiratory demand in the presence of increasing airway pressure.
- Sensitive triggering improves synchrony in pediatric patients and those with decreased respiratory drive.
- Controlled pressure drop during expiration decreases expiratory resistance and work of breathing, in addition to minimizing auto PEEP at higher respiratory rates.
- Maintains consistent and accurate PEEP levels.



The FLOW-i VOLUME REFLECTOR.

The FLOW-i rebreathing system is optimized with the exclusive VOLUME REFLECTOR which together, with the SERVO-controlled gas modules, enables higher ventilation performance compared with traditional bag-in-bottle and piston-operated systems.



## FLOW-i® ANESTHESIA DELIVERY SYSTEM ANESTHESIA SIMPLIFIED

**Innovative simplicity by design:** The lightweight electronic injector vaporizers are centrally located, and switching between agents is easily achieved simply by touching the intuitive system display. Vaporizers can be refilled while slotted in the machine — even when one is still in use. Time-consuming calibration is eliminated as the vaporizers are fully tested during the system checkout. Additionally, there is no need to heat the Desflurane vaporizer prior to use.

**Cost-effective agent delivery:** FLOW-i minimizes waste and unnecessary use of agent through precise delivery technology. The set fresh gas volume, during automatic ventilation, is delivered during the inspiration phase and the fresh gas flow is limited to set minute volume.

**Intuitive operation:** FLOW-i features an ergonomic and uncluttered touch-screen interface that minimizes the risk of information overload. Menus and submenus are organized intuitively. The 15" color control panel displays measured parameters clearly separated to the left and right, enabling the clinician to quickly access the current patient status.



*Electronic injector vaporizers are easily refilled during use.*



*FLOW-i C30 height-adjustable model.*



The open architecture of FLOW-i supports the patient monitor and data management system of choice (not included).

**Customizable and Upgradable:** Open architecture allows for adding the patient monitor and data management system of choice. The position of the control panel and patient monitor may be exchanged according to clinical needs and preferences. The open-platform design helps avoid the need for costly equipment replacement since FLOW-i allows future software and hardware advances to be easily and cost-effectively integrated.

**Multiple models** feature height-adjustability and extra storage, a rotating arm for flexible screen positioning, tilt screens to enhance visibility, an LED work light, and vertical and horizontal rails for mounting auxiliary equipment.

**Wide range of consumables:** Optimal performance and safety is facilitated with MAQUET disposable and reusable breathing circuits and masks.



FLOW-i C20 extra-storage model.

# MAQUET

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