

FLOW-i®
ANESTHESIA DELIVERY SYSTEM



Q. What makes FLOW-i different than other anesthesia machines?

A. The FLOW-i features a modular, ergonomic design that seamlessly combines high-performance ventilation with precise electronic anesthetic delivery.

Q. What capabilities does the SERVO ventilation platform bring to the FLOW-i?

A. For more than 40 years, MAQUET has been setting global mechanical ventilation standards with the successful SERVO ventilation platform. FLOW-i incorporates this unrivaled

technology with capabilities including delivery of high tidal volumes and high maximum inspiratory flow when needed, as well as low to minimal fresh gas flow. FLOW-i maintains constant gas flow despite increasing airway pressure, provides high flow rates, allows quick and easy triggering, and keeps PEEP constant and accurate. Fast ventilatory rise time adapts to the physiological needs of the patient. FLOW-i's low system volume, of less than 3 liters, facilitates immediate response time and fast wash in and wash out of anesthetic agent.

MAKING THE EXCEPTIONAL ROUTINE

Q. Can FLOW-i be used effectively on all patient categories?

A. Healthcare facilities are challenged with a rapidly changing patient demographic and growing number of complex procedures, and FLOW-i provides effective support regardless of these challenges. With advanced ventilation capabilities, the FLOW-i Anesthesia Delivery System allows for optimal ventilation in wide range of patients. These include obese patients with high abdominal and thoracic pressures, older patients suffering from multiple medical conditions, critically ill patients, and the tiny neonate.

Q. Where are the bellows?

A. The innovative design of FLOW-i incorporates an exclusive rebreathing technology, the VOLUME REFLECTOR®, that consists of a rigid reservoir to minimize internal system volume for high ventilation performance. The VOLUME REFLECTOR replaces both the traditional bag-in-bottle (bellows) and the piston, allowing the partial re-administration of re-breathed gas to the patient via the circle system. Since the VOLUME REFLECTOR is never empty, it guarantees continuous, uninterrupted ventilation. There are no moving parts and, in case of leakage via the breathing circuit during automatic ventilation, the oxygen-driven VOLUME REFLECTOR automatically compensates the circle system with oxygen, minimizing the risk of delivering a hypoxic gas mixture.

Q. How are the FLOW-i vaporizers different?

A. The anesthetic agent injection vaporizers in the FLOW-i system are fully electronic, lightweight, have a 300ml capacity, and can be filled while in place during operation. The electronic injector technology eliminates the need for pre-heating Desflurane saving valuable time and contributing to fast wash in and wash out of agent.

Q. Does the FLOW-i include a patient monitor?

A. Open architecture design accommodates the addition of a hemodynamic monitor and patient data management system of the customer's choice. This supports hospital-wide monitor standardization as well as cost savings. In addition, FLOW-i can be customized with a wide variety of patient monitors plus additional monitoring equipment.

Q. What features make FLOW-i ergonomic and user friendly?

A. Clinician ease of use and comfort are engineered into every FLOW-i with its height adjustability, moveable arms, and integrated table light. The intuitive design of the electronic user interface includes a 15" color touch screen for individual configuration of parameters and settings, and minimal menus

to simplify navigation between screens. Critical information can be saved and downloaded to a patient data system via USB port or third party data management system. The three FLOW-i models (height adjustable, extra storage, and ceiling pendant) have a modular platform that can be configured to accommodate the requirements and budgets of various healthcare facilities.

Q. What prevents FLOW-i from being outdated?

A. The FLOW-i system is software upgradeable via USB port and is designed to support future mechanical, electronic, and software advancements, thus avoiding premature system obsolescence. This modular, open architecture platform will support increasing clinical demands and budgetary considerations well into the future. Complete after-sales training and support is available along with an extended warranty and a variety of field service contracts.



FLOW-i features 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.



FLOW-i C30