

GE TEC 850 SEVOFLURANE



ABOUT

The **GE Tec 850 Sevoflurane Vaporizer** is a dedicated, precision-engineered instrument for the safe and consistent delivery of sevoflurane anesthetic agent. Designed for integration with GE Healthcare's Selectatec® manifold systems, it delivers reliable performance in modern anesthesia workstations.

FEATURES

- **Agent-Specific:** Designed exclusively for the accurate and reliable delivery of sevoflurane, ensuring consistent vapor concentration output as per dial setting.
- **Accuracy:** Delivers output within $\pm 0.6\%$ of delivered agent or $\pm 15\%$ of the dial setting across the full clinical fresh gas flow range from 200 ml/min to 15 L/min.
- **Control Dial:** Features an easy-to-turn, clearly marked dial calibrated up to 8% vol., with fine graduations for precise control.
- **Selectatec Manifold Integration:** Easily mounts onto GE anesthesia systems via the interlocking Selectatec manifold.
- **Filling System:** Compatible with modern agent filling systems including Easy-Fill™, QAS (Quick Agent Supply), and Saf-T-Fill™, enabling safe and efficient refills.
- **Spill & Tilt Protection:** Incorporates a non-spill system to limit liquid agent movement if the vaporizer is tilted or inverted, safeguarding internal mechanisms.



SPECIFICATIONS



DIMENSIONS

Height: 9.8 in (25 cm)
Width: 4.3 in (11 cm)
Depth: 8.7 in (22 cm)
Weight: 15.4 lbs (7 kg) dry.

PNEUMATICS & PERFORMANCE

Calibration: Performed at 25°C using O₂ at a carrier gas flow of 5 L/min at sea-level pressure.
Control Dial Range: Calibrated from 0% to 5% vol. for isoflurane.
Accuracy: ±0.25% of delivered agent or ±15% of the control dial setting (whichever is greater).
Fresh Gas Flow Range: 200 ml/min to 15 L/min.
Flow Resistance: ≤ 2.0 cm H₂O at 5 L/min O₂ flow when dial is in the OFF position.

AGENT CAPACITY

Total Capacity: 300 ml.
Capacity between Min/Max Fill Marks: 170 ml.
Wick System Capacity: Approximately 75 ml.

ENVIRONMENTAL CONDITIONS

Operating Temperature: 59°F to 95°F (15°C to 35°C).
Operating Humidity: 15% to 95% relative humidity (non-condensing).
Operating Pressure: 500 to 800 mmHg.
Storage/Transport Temperature: -13°F to 140°F (-25°C to 60°C).

POWER

Power Source: Pneumatic, carrier-gas driven. No electrical power required.