

GE TEC 850 ISOFLURANE



ABOUT

The **GE Tec 850 Isoflurane Vaporizer** is an agent-specific, temperature-compensated precision instrument designed for the safe and reliable delivery of isoflurane anesthetic agent. Part of GE's modern Tec series, it integrates seamlessly with Selectatec® manifold systems on GE anesthesia workstations, offering consistent performance and enhanced ergonomics.

FEATURES

- **Agent-Specific:** Engineered exclusively for the precise and reliable delivery of isoflurane anesthetic agent.
- **Clinical Output:** Delivers accurate output of delivered agent or dial setting across a fresh gas flow range.
- **Ergonomic Dial:** Features a large, easy-to-turn control dial calibrated up to 5% vol., with fine graduations for precise agent delivery control.
- **Selectatec® Manifold:** Easily attaches to GE Healthcare anesthesia systems via the interlocking Selectatec manifold.
- **Filling System:** Compatible with contemporary agent filling systems, simplifying the refilling process and helping to minimize agent spillage.
- **Spill-Resistant Design:** Incorporates a non-spill system that limits the movement of liquid agent if the vaporizer is tilted or inverted, protecting internal components and maintaining clinical output stability.



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.