



The **GE Datex Ohmeda Tec 7 Isoflurane Anesthesia Vaporizer** delivers isoflurane effectively and efficiently. Each agent specific Tec 7 incorporates significant performance, convenience and ergonomic benefits with important safety features to help improve agent delivery and reliability while reducing overall operating costs. This vaporizer provides output consistency with the dial setting throughout the clinical flow range.

Features

- Two filling options: Easy-Fil and Funnel Fill.
- The Easy-Fil filler is designed to simplify agent filling and help minimize agent leaks while filling.
- Large diameter control dial which incorporates fine graduations of 0.2% between 0 and 1%, and 0.5% from 1 to 8%.
- Ergonomic agent dial release on the Tec 7 vaporizer allows either left or right hand operation.



Easy-Fil helps simplify agent filling



Specifications

Dimensions

Height: 9.9 In (25 cm)
Width: 4.5 In (11.4 cm)
Depth: 8.3 In (21 cm)
Weight (Dry): 22 lbs. (7 kg)

Agent Capacity

Charged: 225 mL of free volatile anesthetic agent
Charging: 300 mL (nominal) to charge dry vaporizers
Retention: 75 mL (nominal) retained by wick system

Pneumatics

Calibration: The dials of the Tec 7 Vaporizers for enflurane, isoflurane and halothane are calibrated to 5% v/v in steps of 0.2% up to 1%, and in steps of 0.5% from 1% to 5% at 21°C using O₂ at 5 L/min as the carrier gas.

Calibration of Sevoflurane

The dial of the Tec 7 Vaporizer for sevoflurane is calibrated to 8% v/v
Dial is marked in steps of 0.2% up to 1% v/v, and in steps of 1% between 1% and 8%

Resistance to Gas Flow

“OFF”: Isolated, no resistance from vaporizer
“ON”: 5 L/min O₂: 10 to 15 cm H₂O at 21°C ±2°C

Accuracy

5 L/min O₂ @ 21°C ± 2°C:
Vaporizer 5%: ±0.25% of delivered agent or ±15% of dial setting (whichever is greater)
Vaporizer 8%: ±0.4% of delivered agent or ±15% of dial setting (whichever is greater)

Flowrate: Vaporizers are designed to provide consistent output throughout the clinical flow range from 200 mL/min to 15 L/min.

Operating Conditions

Temperature: 18° to 35°C/64° to 95°F
Humidity: 30% to 75% relative humidity (non-condensing)

