

Tec 7 Vaporizer



Features

- Tec® 7 agent specific vaporizers are designed to deliver isoflurane, sevoflurane, enflurane and halothane anesthetic agents
- Provides output consistent with the dial setting throughout the clinical flow range
- Easy to turn dial and fine graduations help control agent delivery
- Three filling options: Easy-fil™, funnel fill, or Quik-Fil™ (sevoflurane only)
- Attaches to Datex-Ohmeda's interlocking Selectatec® manifold
- Planned factory service free
- Three year warranty period

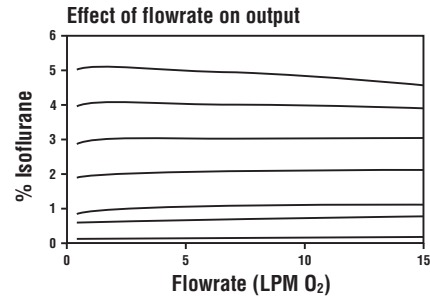
Physical specifications

Dimensions	
Height:	25 cm/9.9 in
Depth:	21 cm/8.3 in
Width:	11.4 cm/4.5 in
Weight:	7 kg/15.4 lbs dry
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 specifications

Calibration and resistance	
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 O ₂ 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 O ₂ : 10 to 15 cm H ₂ O at 21 °C ± 2 °C
Accuracy:	5 L/min O ₂ @ 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



Environmental specifications

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

Service

Planned factory service free

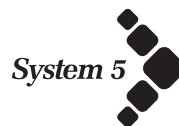
Warranty

Warranted to be free from functional defects in materials and workmanship for a period of three years from the date of original delivery.



Datex-Ohmeda Division • Instrumentarium Corp.
 P.O. Box 900, FIN-00031 Datex-Ohmeda, Finland
 Tel. +358 10 39411 • Fax +358 9 146 3310

www.datex-ohmeda.com



Datex-Ohmeda, Inc.
 P.O. Box 7550, Madison, WI 53707-7550, USA
 Tel. 800 345 2700 • Fax 608 221 4384

www.us.datex-ohmeda.com



ANS688-A/7 02 1 © 2002 Datex-Ohmeda, Inc. All rights reserved. Subject to change without notice. Printed in USA.
 Datex®, Ohmeda® and other trademarks are property of Instrumentarium Corp. or its subsidiaries. All other product and company names are property of their respective owners.
 Quik-Fill is a registered trademark of Abbott Laboratories and currently not available in the United States. Easy-Fill system patent pending.