Datex-Ohmeda 5330 Agent Monitor

The **Datex Ohmeda 5330** is a compact anesthetic agent monitor for the operating room. The Ohmeda 5330 uses an infrared and microprocessor technology to measure CO2 and the concentration of anesthetic agents on the display. The monitor identifies whether the sampled breath is from an inspiratory or Expiratory breath phase. It has a membrane switch control panel and disposable water separator filter cartridge.

Features

- Monitors isoflurane, Enflurane, Halothane, Desflurane, and Sevoflurane.
- Trend data collection.
- Agent analog output for strip chart recording.
- Measurement of inspired and expired anesthetic agents.
- Sidestream sampling system to allow the use of a wide variety of sample adapters.
- User-replaceable software cartridge for system updates.
- RS-232 communication port for input and output to computers or printers.

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Specifications

Dimensions

Height: 4” *(10 cm)*

Width: 16” *(40 cm)*

Depth: 10” *(25 cm)*

Weight: < 15 lbs *(< 7 kg)*

General

Analog Output: ENF, HAL, ISO, and SEV vol%: 10%; DES vol%: 20%

Display Range: ISO, HAL, ENF, and SEV - 0 to 9.9% (analog output 0 to 1 V); DES - 0 to 24% (operating at sea level

Resolution: ISO, HAL, ENF, SEV, and DES: 0.1%

Displayed Parameter: Agent Concentration %

Response Time: 600 msec (10-90% step at 280 ml/min)

Sample Flow Rate: 250 ml/min minimum

Breath Rate: 20 breaths per minute maximum for display of inspired and expired values

Warmup Time: 5 minutes, full accuracy in 30 minutes

Communications

Type: Both serial and analog communication

Connection: RS-232 and DB-9

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