

The **Mindray Datascope Gas Module SE** is a companion to several patient monitors. The Gas Module SE, commonly called the Datascope GM SE, is capable of automatically identifying and measuring five anesthetic agents (Desflurane, Enflurane, Sevoflurane, Halothane, and Isoflurane, as well as N20, CO2, and O2. This unit monitors all gases via sidestream sampling.

Features

- 200 mL/min sample flow rate.
- Uses a non-dispersive infrared analyzer measuring absorption of the gas sample at seven infrared wavelengths.
- 2.5 second sampling delay
- Water trap that removes water and impurities from the patient sample.
- Analyzes patient sample at a fixed rate.





Specifications

Dimensions	Height: 4.2" (10.6 cm) Width: 11.85" (30.1 cm) Depth: 10" (25.4 cm) Weight: 9.6 lbs (4.35 kg)
Performance	 Sampling Rate: 200 ± 20 ml/min (with sampling line ≤ 6 meters, under normal conditions) Sampling Delay: 2.5 seconds (with a 3 meter sampling line) Total System Response Time: 2.9 seconds (with a 3 meter sampling line, including sampling delay and rise time) Display Update Rate: Breath-by-Breath Compensation: Automatic for pressure, CO2-N2O and CO2-O2 collision broadening effect Warm-up Time: Maximum 2 minutes to operation with CO2, O2, and N2O; 5 minutes to operation of anesthetic agents; 30 minutes for full accuracy specifications Autozeroing Interval: At startup and at 2, 4, 10, 15, 30, 45, and 60 minutes of operation. Every 60 minutes thereafter.
Pneumatic	 Technology: Side-stream gas sampling Pneumatic Modes: Room air reference measurement: Automatic; Sampling system purge: Automatic Pump: Flow controlled dual membrane Gas sampling rate: with DRYLINE™ Water Trap, Adult/Ped: 200 ml/min; with DRYLINE™ Water Trap, Neonate: 120 ml/min Occlusion Alarm: Actual flow < 40 ml/min Room Air Reference Measurement: Automatic when gas measurement bench temperature change is > 1°C or time since last ref. measurement is > 4 h Reference Measurement Interval: ISO Accuracy Mode > 30 s Full Accuracy Mode > 4h Reference Measurement Duration: Typical 5 s, Max 9 s Purge Cycle: Automatic when occlusion detected



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