

# MultiGasAnalyser™ OR-703



## **New application**

Expanding the capabilities of the FlowAnalyser PF-300™ with the MultiGasAnalyser™ OR-703 with:

- instant gas concentration measurement of CO<sub>2</sub>, N<sub>2</sub>O, Halothane, Enflurane, Isoflurane, Sevoflurane and Desflurane

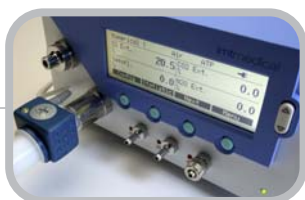
## **Main features**

- world smallest and lightest Multi-Gas Sensor
- seamless integration of the MultiGasAnalyser™ with the FlowAnalyser™ and its FlowLab™ Software:
  - Direct interfacing of all data with the FlowAnalyser™
  - Total bench or portable operation with the integrated battery
  - Fast response without stabilization time
  - Full data storage and test report printing capabilities

Data immediately available on the FlowAnalyser™ display

Easy and simple Plug & Play installation...

...through RS-232 port.



The imtmedical MultiGasAnalyser™ OR-703 probe is designed using the latest advances in micro system technology and provides a complete in line real time monitoring system with unique versatility and design. The sensor proves his reliability when testing the performance of any anesthesia delivery and monitoring systems or the accuracy of CO<sub>2</sub> monitoring devices.

The MultiGasAnalyser™ OR-703 sensor head measures infrared light absorption at several different wavelengths and exactly determines the gas concentrations of the mixtures.

▶	<b>Measurements</b>	CO <sub>2</sub>	Range 0 - 10% Accuracy +/- 6% of reading or +/- 0.3%
		N <sub>2</sub> O	Range 0 - 100% Accuracy +/- 6% of reading or +/- 2%
		HAL, ISO, ENF	Range 0 - 5% Accuracy +/- 6% of reading or +/- 0.15%
		SEV	Range 0 - 8% Accuracy +/- 6% of reading or +/- 0.15%
		DES	Range 0 - 18% Accuracy +/- 6% of reading or +/- 0.15%
	<b>Response Time</b>	CO <sub>2</sub> < 60 ms, N <sub>2</sub> O and the 5 Anaesthetic Agents < 150 ms	
	<b>Monitoring</b>	Numerical data available through the FlowAnalyser™ Numerical data and real time curves available through the FlowLab™ software	
	<b>Physical Data</b>	Interface:	through RS-232 port
		Weight	< 30 g (excluding cable)
		Size	3.70 x 2.7 x 2.5 cm (1.45 x 1.1 x 0.9 inches)
▶◀	<b>Environmental Data</b>	Operating	10 - 40 °C
		Storage	-20 - 50 °C
		Humidity	10 - 95%, non-condensing
		Atm. pressure	700 - 1200 mbar (3048 m)
OK	<b>Compliance and Approvals</b>	CE marked according to the 93/42/EEC MDD ISO 11196:1997, EN 864:1996, EN 12598:1999, ISO/DIN 21647:2003, ISO 7767, ASTM-F 1452-92, ASTM-F 1456-92 and ASTM-F 1462-93	