MultiGasAnalyser™
OR-703

Expanded Capabilities

imtmedical has expanded the capabilities of the FlowAnalyser with the MultiGasAnalyser OR-703 by offering instant gas concentration measurements of CO_2, N_2O, Halothane, Enflurane, Isoflurane, Sevoflurane and Desflurane.

Main Features

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

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Data instantly available on the
FlowAnalyser display

Easy and simple Plug & Play
installation...

...through the RS-232 port.

The imtmedical MultiGasAnalyser OR-703 probe is designed using the latest advances in micro system technology. The MultiGasAnalyser OR-703 provides a complete in-line, real-time monitoring system with unique versatility and design. When testing the performance and accuracy of anaesthesia delivery and monitoring systems or CO_2 monitoring devices, the sensor proves its absolute reliability. The MultiGasAnalyser OR-703 sensor head measures infrared light absorption at several different wavelengths and determines the precise gas concentrations of the mixtures.

Measurements		Range	Accuracy
CO_2		0 - 10%	± (0.2% ABS + 2% REL)
		10 - 20%	± (0.3% ABS + 4% REL)
N_2O		0 - 100%	± (2% ABS + 2% REL)
HAL, ISO, ENF		0 - 8%	± (0.15% ABS + 5% REL)
		8 - 12%	± (0.2% ABS + 10% REL)
SEV		0 - 10%	± (0.15% ABS + 5% REL)
		10 - 15%	± (0.2% ABS + 10% REL)
DES		0 - 22%	± (0.15% ABS + 5% REL)
		22 - 25%	± (0.2% ABS + 10% REL)
Response Time	CO_2 < 90 ms, N_2O, AA < 300 ms, O_2 < 300 ms		
Monitoring	Numerical data available with the FlowAnalyser		
	Numerical data and real-time curves available with FlowLab software		
	Interface	through RS-232 port	
Physical Data	Weight	< 30 g (excluding cable)	
	Size	3.70 x 2.7 x 2.5 cm (1.45 x 1.1 x 0.9 inches)	
Environmental Data	Operating	10 - 40°C	
	Storage	-20 - 50°C	
	Humidity	10 - 95%, non-condensing	
	Atm. pressure	700 - 1200 mbar (3048 m)	
Compliance and Approvals	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		

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Please contact us directly for further information. We would be glad to assist you.

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