

MultiGasAnalyser™ OR-703



Expanded Capabilities

imtmedical is expanding the capabilities of the FlowAnalyser™ with the MultiGasAnalyser™ OR-703 by offering instant gas concentration measurements of CO₂, N₂O, 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 its FlowLab™ Software:
 - Direct interfacing of all data with the FlowAnalyser™
 - Total bench or portable operation with an integrated battery
 - Fast response without stabilization time
 - Full data storage and test report printing capabilities

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 anesthesia delivery and monitoring systems or CO₂ 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	CO ₂	Range	0 - 10%
			Accuracy	+/- 8% of reading or +/- 0.3%
		N ₂ O	Range	0 - 100%
			Accuracy	+/- 8% of reading or +/- 2%
		HAL, ISO, ENF	Range	0 - 5%
			Accuracy	+/- 8% of reading or +/- 0.2%
	SEV	Range	0 - 8%	
		Accuracy	+/- 8% of reading or +/- 0.2%	
	DES	Range	0 - 18%	
		Accuracy	+/- 8% of reading or +/- 0.2%	
	Response Time	CO ₂ < 60 ms, N ₂ O and the 5 Anaesthetic Agents < 150 ms		
	Monitoring	Numerical data available through the FlowAnalyser™		
		Numerical data and real-time curves available through the 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)	
OK	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		

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

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