

The NEW GastroCH₄ECK[®]

Portable breath methane and hydrogen monitor to aid in the detection of lactose, fructose & glucose intolerance, as well as IBS & SIBO.

Features and benefits

- New and improved sensor technology
- Two sample modes; breath bag and direct
- Full colour touchscreen
- Service diagnostic management
- Laser gas detection
- Intuitive interface
- Automatic calibration
- Maintenance reminder
- No start-up time

Ideal for

- Gastroenterologists
- Dieticians
- GP's
- Endoscopy departments
- Gastro paediatrics



Helping to detect gastrointestinal disorders, one breath at a time.

www.bedfont.com

Technical specification

Concentration range	CH ₄	0-200ppm	
	H ₂	0-200ppm	
	O ₂	14-23%	
Power input		230V/100V, 50Hz-60Hz, 0.5-1.0 A	
Fuse		T 3.15 AH	
Calibration frequency		Every 4 weeks	
Start-up time		≤2 minutes	
Display		Full colour touchscreen	
Detection principle		Electrochemical sensor (O ₂ & H ₂) Laser (CH ₄)	
Accuracy	CH ₄	Resolution	1ppm
		Accuracy	±10% of reading
		Repeatability	<5% difference on consecutive readings
	H ₂	Resolution	1ppm
		Accuracy	±10% of reading
		Repeatability	<5% difference on consecutive readings
	O ₂	Resolution	0.1%
		Accuracy	±10% of reading
		Repeatability	<5% difference on consecutive readings
Carbon monoxide cross-sensitivity (H ₂ only)		<4%	
Temperature range	Operating	15-35°C (59°-95°F)	
	Storage	0-40°C (32°-104°F)	
Pressure range	Operating	912-1114mbar (Atmospheric ±10%)	
	Storage	912-1114mbar (Atmospheric ±10%)	
Humidity range	Operating	30-75% RH (non-condensing)	
	Storage	15-90% RH (non-condensing)	
Sensor operating life	CH ₄	5 years	
	H ₂	2 years	
	O ₂	2 years	
Dimensions		Approx. 474 x 310 x 135 mm	
Weight		Approx. 8.5kg	
Monitor construction		Case: aluminium	
Classification		Class I ME equipment: (externally powered) Type BF applied part Method of sterilization (not suitable for sterilization) Not suitable for use in an oxygen rich environment Intended for continuous use	
Response time		≤45 seconds	

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