

The NEW GastroCH₄ECK™

Portable breath methane and hydrogen monitor to aid in the detection of Lactose, Fructose & Glucose intolerance, aswell as IBS & SIBO.

Features and Benefits

- New and improved sensor technology
- Two sample modes; breath bag and direct
- Full colour touch screen
- Service diagnostic management
- Intuitive interface
- Automatic calibration
- Maintenance reminder

Ideal for

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



Helping detect gastrointestinal disorders, one breath at a time.

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Technical Specification

Concentration Range		CH ₄	0-200ppm
		H ₂	0-200ppm
		O ₂	14-23%
		Power input	
Warm-up time		30 minutes	
Calibration Frequency		Every 4 weeks	
Display		Full colour touchscreen	
Detection Principle		Electrochemical sensor (O ₂ & H ₂) Infrared (CH ₄)	
Accuracy	CH ₄	Resolution	1ppm
		Accuracy	+/-10% of reading per annum
		Repeatability	<5% difference on consecutive reading
	H ₂	Resolution	1ppm
		Accuracy	+/-10% of reading per annum
		Repatability	<5% difference on consecutive reading
	O ₂	Resolution	0.1ppm
		Accuracy	+/-10% of reading per annum
		Repeatability	<5% difference on consecutive reading
Carbon monoxide Cross-sensitivity (H ₂ only)		<1%	
Temperature Range	Operating	15-35°C (59° -95°F)	
	Storage	0-40°C (32°-104°F)	
Pressure Range	Operating	900-1100mBar	
	Storage	800-1200mBar	
Humidity Range	Operating	30-75% non-condensing	
	Storage	15-90% non-condensing	
Sensor Operating Life	CH ₄	5 years	
	H ₂	2 years	
	O ₂	2 years	
Dimensions		Approx. 34 x 75 x 140 mm	
Weight		Approx. 6kg	
Monitor Construction		Case: Polycarbonate/ABS blend SteriTouch anti-microbial additive D-piece: Polypropylene	
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	
Approx. 1 x CR2032 Battery Life		175,000 hours	
T90 Response Time		≤ 45 seconds	

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