

GastroCH₄ECK[®] Gastrolyzer[®]

The GastroCH₄ECK[®] Gastrolyzer[®] is a hydrogen and methane monitor to aid in the diagnosis of gastrointestinal disorders.

Features and benefits

Laser sensor technology

Two sample modes; remote breath testing

via a breath bag and direct testing via a mouthpiece

Full-colour touchscreen

Service diagnostic management

Laser gas detection

Intuitive interface

Automatic calibration

Maintenance reminder

Ideal for

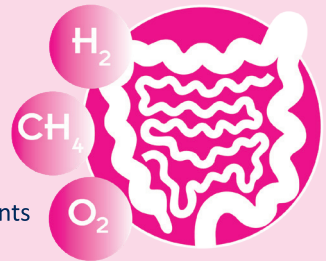
Gastroenterologists

Dieticians

GP's

Endoscopy departments

Gastro paediatrics



Helping to 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	230V/100V, 50Hz-60Hz, 0.5-1.0 A		
Fuse	T 3.15 AH		
Start-up time	≤2 minutes		
Calibration frequency	Every 4 weeks		
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		

* Subject to maintenance and service.

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