

GastroCH₄ECK[®] Gastrolyzer[®]

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

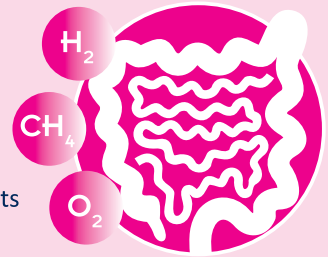
Features and benefits

- 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.

www.gastrolyzer.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		
Warranty	GastroCH ₄ ECK® without sensors	2 years*	
	CH ₄ , H ₂ and O ₂ sensors	1 year	

*Subject to maintenance and service.

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