

# The NEW GastroCH<sub>4</sub>ECK™

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 color 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.*

**www.covita.net | 800-707-571**

# Technical Specification

Concentration Range	CH <sub>4</sub>	0-200ppm	
	H <sub>2</sub>	0-200ppm	
	O <sub>2</sub>	14-23%	
Power input	230V/50Hz/100mA [115V/60Hz/220mA compatible]		
Warm-up time	30 minutes		
Calibration Frequency	Every 4 weeks		
Display	Full colour touchscreen		
Detection Principle	Electrochemical sensor (O <sub>2</sub> & H <sub>2</sub> ) Infrared (CH <sub>4</sub> )		
Accuracy	CH <sub>4</sub>	Resolution	1ppm
		Accuracy	+/-10% of reading
		Repeatability	<5% difference on consecutive reading
	H <sub>2</sub>	Resolution	1ppm
		Accuracy	+/-10% of reading
		Repeatability	<5% difference on consecutive readings
	O <sub>2</sub>	Resolution	0.1%
		Accuracy	+/-10% of reading
		Repeatability	<5% difference on consecutive readings
Carbon monoxide Cross-sensitivity (H <sub>2</sub> 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 <sub>4</sub>	5 years	
	H <sub>2</sub>	2 years	
	O <sub>2</sub>	2 years	
Dimensions	Approx. 474 x 310 x 167 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		
T90 Response Time	≤ 45 seconds		

coVita

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**coVita**<sup>TM</sup>  
breath analysis is the new blood test

