

NEW

GastroCH₄ECK™ Gastrolyzer®

Accurate and real-time combined CH₄, H₂ and O₂ monitoring



O₂ Reading Correction

for accurate results every test

Real-time Reading Graph

motivates patients and gives instant results



Online Breath Sampling

for instant results

Breath Bag Sampling

for simultaneous testing of larger groups

The GastroCH₄ECK™ portable breath CH₄, H₂ and O₂ monitor allows health professionals to accurately detect a range of gastrointestinal disorders. An O₂ reading is taken to motivate patients into providing an end-tidal sample. If they are unable to do this the GastroCH₄ECK™ will automatically correct the reading saving the patient from embarrassment and having to carry out another test.

Applications

The GastroCH₄ECK can be used as an aid to diagnose the following disorders:

- Carbohydrate Breakdown Deficiency
- Carbohydrate Malabsorption
- Lactose Intolerance
- Bacterial Overgrowth
- IBS
- SIBO

Plus Many More...

Features / Benefits

- Online breath sampling for instant results
- Breath bag sampling for simultaneous testing of larger groups
- Requires calibration just once per month, saving precious time and calibration gas costs
- Fast warm up time of less than 55 minutes
- O₂ correction for accurate results
- Real-time reading graph shown on screen to motivate patients and give instant results
- Consumables contain anti-bacterial filters for optimum infection control

www.covita.net | (800) 707-5751

GastroCH₄ECK™ Technical Specification:

Power Supply:	Mains power 230 V [110 V compatible]
Warm-up time:	< 55 minutes
Calibration frequency:	Once a month
Detection Principle:	Electrochemical and Optical sensors
Operating temperature:	15 - 35 degrees °C
Operating Humidity:	30 – 75% non condensing
Dimensions:	300 x 265 x 140 mm
Weight:	Approx. 6kg
Gases measured:	CH ₄ (Methane) H ₂ (Hydrogen) O ₂ (Oxygen)
Range:	CH ₄ 0 – 200 ppm, H ₂ 0 – 200 ppm, O ₂ 0 – 100%
Accuracy:	
CH ₄	Resolution: 1 ppm Accuracy: +/- (10% of range or 10% of reading)*
H ₂	Resolution: 1 ppm Accuracy: ± 5%**
O ₂	Resolution: 0.1% Accuracy: +/-2% full scale
Test time:	CH ₄ / H ₂ / O ₂ Typically <45 seconds

*Conditions during factory calibration, typically 20°C, 1,000 mBar

**Calibrated and used at the same temperature

Contact coVita for more information on the **Gastrolyzer®**
and for a demonstration.

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