

HYDROGENIUS

HYDROGEN BREATH MONITORING
TO HELP DETECT GASTRO-INTESTINAL DISORDERS



FEATURES AND BENEFITS

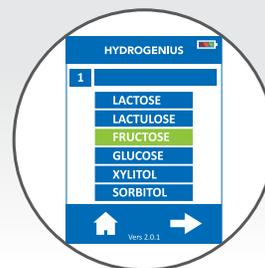
- Easy to use interface
- Create and store patient details
- Multiple patient testing
- Built in testing protocols with built in countdown timer
- Large touch screen
- Comes with HYDROCHART™ software
- SteriTouch® technology to kill off harmful bacteria
- Maintenance reminders
- 3 month calibration



Multiple patient testing



Create and save
patient details



Built in testing protocol



INTRODUCING HYDROGENIUS

AIDS IN THE DETECTION OF:

- Food Intolerances
- Irritable Bowel Syndrome (IBS)
- Small Intestinal Bacterial Overgrowth (SIBO)

IDEAL FOR:

- Gastroenterologists
- Dieticians
- GP's
- Endoscopy department
- Pediatricians

TECHNICAL SPECIFICATION:

Concentration Range (H₂)	0 - 500 ppm
Display	Full colour touchscreen
Detection Principle	Electrochemical sensor
Repeatability	< 10% on consecutive readings
Carbon Monoxide Cross-sensitivity	< 1%
Sensor Operating Life	2 years
Sensor Sensitivity	1 ppm
Sensor Drift	< 2% per month
T₉₀ Response Time	≤ 45 seconds
Power	3 x AA (LR6 or Equivalent) 1 x CR2032 Lithium coin cell
Approx. 3 x AA Battery Life	1,000 minutes
Approx. 1 x Cr2032 Battery Life	175,000 hours
Operating Temperature Range	15 - 35 °C (Storage/Transport 0 - 50°C)
Operating/Transport/Storage Pressure	800 - 1200 mbar
Operating Humidity	10 - 90% non-condensing (Storage/Transport 0 - 90°C)
Dimensions	Approx. 34 x 75 x 140 mm
Weight	Approx. 200 g (including batteries)
Monitor Construction	Case: Polycarbonate/ABS blend SteriTouch anti-Microbial additive D-Piece: Polypropylene



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