

# HYDROGENIUS

HYDROGEN BREATH MONITORING  
TO HELP DETECT GASTRO-INTESTINAL DISORDERS

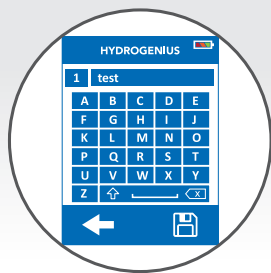


## FEATURES AND BENEFITS

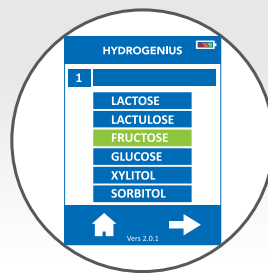
- Easy to use interface
- Create and store patient details
- Multiple patient testing
- Built in testing protocols with built in countdown timer
- Large touch screen
- Comes with HYDROCHART™ software
- SteriTouch® technology to kill off harmful bacteria
- Maintenance reminders
- 3 month calibration



Multiple patient testing



Create and save  
patient details



Built in testing protocol



# INTRODUCING HYDROGENIUS

## AIDS IN THE DETECTION OF:

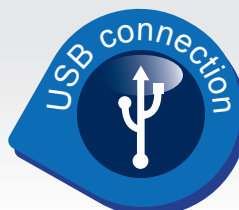
- Food Intolerances
- Irritable Bowel Syndrome (IBS)
- Small Intestinal Bacterial Overgrowth (SIBO)

## IDEAL FOR:

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

## TECHNICAL SPECIFICATION:

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



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