MD DIAGNOSTICS LTD.

A simple test for

Lactose Intolerance

H_2 Check

Other Applications include:

Lactose mal-absorption
Carbohydrate mal-absorption
Carbohydrate breakdown deficiencies
Bacterial overgrowth
Intestinal transit time
Sucrose mal-absorption
Fructose mal-absorption
Lactulose bacterial overgrowth
Sorbitol mal-absorption

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Lactose is a sugar found in milk. Unless it gets changed into glucose it cannot be absorbed into the body. This change happens when the Lactose passes through the stomach into the small intestine and comes into contact with something called Lactase. If there is not enough Lactase present the Lactose cannot be broken down, this in turn leads to Lactose Intolerance.

Building on experience gained over many years, the H2 Check is an easy to use hand held device for the simple detection of Hydrogen on the breath. A single breath test will display H2 results in PPM.
The H2 Check can be used on all age groups and types of patients. A face mask can be used on patients that are not able to comply with tidal breathing through a standard cardboard mouthpiece.

- Single switch operation
- Fast results in PPM
- Rapid response time
- Unique re-breathing system

Bibliography

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Specifications:

Gas detected	Hydrogen
Sensitivity	1ppm
Warm up time	15 seconds
Detection sensor used	Electrochemical
Operating temp	5-30°C
Operating humidity	30-90% RH
Accuracy	±5% or 5%
Dimensions	135 x 60 x 30mm
Weight	160g inc battery
Battery life	30 hours of continuous use

Bibliography: TBA

The H2 Check is part of an extensive range of breath analysis devices and is available from MD Diagnostics as Catalogue No BH02

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