



ISOLAB HR

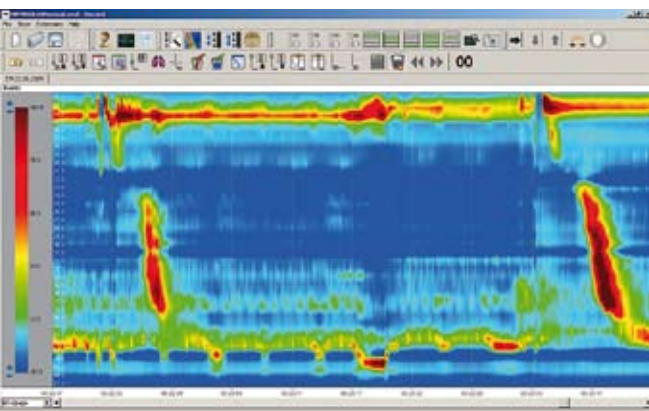
The Multi Channel System for Functional Diagnostics

- High resolution and standard manometry
- Configurable modular structure
- Diagnostics in the whole digestive tract



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The Multi Channel System for Functional Diagnostics

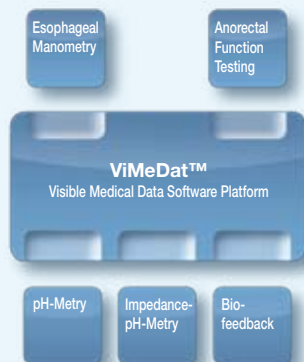


ISOLAB HR is a modular structured system with which pressure- and EMG-signal from the digestive tract can be obtained. The system can be expanded to other signals so that both routine and research tasks can be met.

The **ISOLAB HR system** is compatible with catheters for high resolution manometry as well as with perfusion and semi conductor catheters for standard manometry. The system is equally well applicable for both esophagus or anorectal manometry.

In combination with the **ViMeDat™** (Visible Medical Data) software arises an integrated system for user-friendly esophageal and anorectal functional disorder diagnostics. Modules for pH-metry and Impedance/pH-metry are also available and complement the system.

ViMeDat™ ensures a rapid and reliable diagnose. Both the topography as well as the classic presentation are available through an intuitive graphical user interface. The reports are fully configurable and Microsoft Word and OpenOffice compatible.



An extensive range of accessories is available for the system.

Technical Data

High resolution manometry with 36 channels (Standard 21 channel perfusion and/or semiconductor manometry, configurable via software), EMG, Ballon pressure, supplementable signal modules, complete patient isolation through the system, interfacing to the computer through an isolated USB connection.
Data resolution: 16 bit
Sampling frequency up to 1000 Hz

Software Requirements

Computer	USB connection, 2 GB RAM, 1 GB free HD space, Mouse
Display	Minimum 800 X 600
Operating System	Windows XP, Windows Vista, Windows 7 Mac OS X 10.5 or higher Linux Ubuntu 8.04 LTS or higher

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