

Enterotach® Family of Gastrointestinal Sound Analysis Systems

◆ Enterotach® MD

Specifications:

- Portable recording unit
- Multi-purpose electronic stethoscope
- 8,000 Hz sampling
- Quantitative metrics include:
 - » sound-sound interval
 - » standard deviation of sound-sound interval
 - » sounds per min.
 - » % time as sound
- Noise level metric included to monitor quality of recording

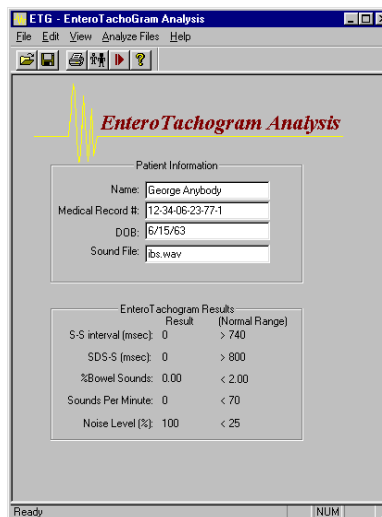
Enterotach® MD is an economical hardware/software system for the convenient acquisition and objective determination of kinetic parameters related to gastrointestinal sound production. The system includes an electronic stethoscope and handheld digitizer which provides a completely portable recording system. A dedicated sound analysis software package automatically performs data reduction.

Enterotach® MD recognizes gastrointestinal sounds and automatically analyzes the sound recordings to produce a set of quantitative metrics characterizing the recorded sound. These metrics include the sound-sound interval, the standard deviation of the sound-sound intervals, the sounds per minute and the percent time occupied by gastrointestinal sounds.



This system is useful for users that are interested in a simple and easy means to gather these objective data to characterize gastrointestinal sound recordings.

For example, this provides an economical means to include such data in drug trials with a set protocol and numerous sites of subject interaction.



Enterotach® MD main screen.

Requirements:

- Windows 95 or greater
- Pentium II, 100MHz or greater
- 64 MB RAM
- CD-ROM
- 9-pin Serial port
- 25-pin Parallel port

Western Research Company

INCORPORATED

⚙ Innovative Products for Gastroenterology

2127 E. Speedway, Tucson, Az 85719 USA
www.wrc-inc.com

©2002 Western Research Company, all rights reserved.

U.S. Patent #6,228,040