

# Advanced Diagnostic Technology That Makes Esophageal Manometry...

## Simple, Accurate, Complete

### ■ Intuitive Operation

The ManoScan 360™ High-Resolution system is easy to learn and provides an effortless transition from conventional manometry

### ■ Complete Physiological Visualization

Automatically captures all relevant esophageal motor function from the pharynx to the stomach with a single placement of the catheter

### ■ Significantly Reduced Procedure Times

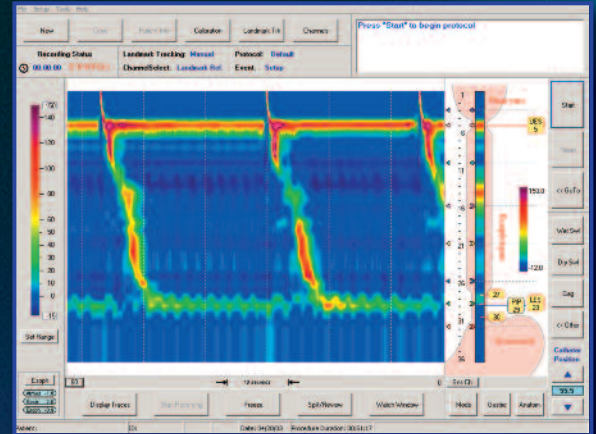
50% shorter procedure times - most studies completed in 10 minutes or less and require minimal specialized training

### ■ Maximum Diagnostic Accuracy

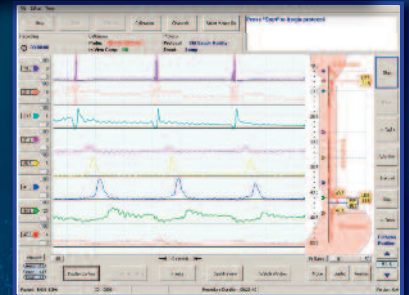
System collects reliable and consistent data with unprecedented clarity. Precision catheters and intuitive software yield unparalleled diagnostic acuity

### ■ Fully Upgradeable Platform

ManoScan 360™ can be easily upgraded to incorporate impedance, High-Definition, and Video Manometry modules, soon to be released



High-Resolution Contour Image (Normal Swallow)



Traditional Line Tracing



## ManoScan 360™ High-Resolution catheters incorporate the very latest advancements in sensing technology

- All sensors are true circumferential
- 36 channels spaced 1 cm apart
- 12 pressure sensing points at each channel (432 data points)
- Only catheter with disposable sheath to eliminate most cleaning and increase patient acceptance
- Unparalleled record of reliable service: Over 500 catheters delivered, more than 60,000 procedures performed!

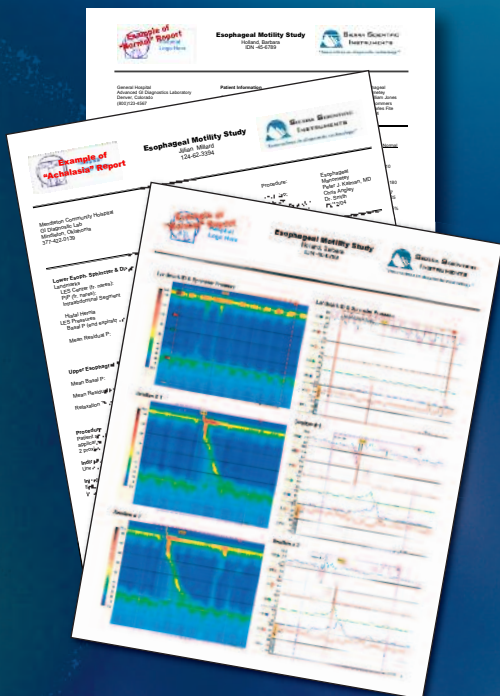


## World's most advanced and easy-to-use motility analysis software

- Study overview mode facilitates rapid and intuitive identification of disorders
- Advanced tools yield highest measurement accuracy and comprehensive data analysis
- Graphical pointers locate LES, UES, and PIP quickly and reliably
- Sierra's unique eSleeve™ function instantly measures sphincter barrier pressure and rejects esophageal shortening and sphincter movement artifact
- Instant switching between high-resolution and conventional tracings gives complete visualization of anatomy and physiology
- Automated assistance for rapid data analysis
- Modular program can be loaded on any Windows® based computer for remote study review

## Everything you need to perform a motility study efficiently, reliably, and safely

- High quality construction, with durable, easy-to clean surfaces
- LCD flat panel touch-screen with articulating arm
- Modular data acquisition controller - Expandable to add Impedance, High-definition , and Video Manometry
- Powerful computing platform with Windows® based operating system
- LAN and Wi-Fi enabled
- Integrated catheter auto-calibration system
- Built in storage drawer
- Large lockable wheels
- 1200 dpi color printer
- Patient safety isolation system



**SIERRA SCIENTIFIC  
INSTRUMENTS**

*"Innovations in diagnostic technology"*