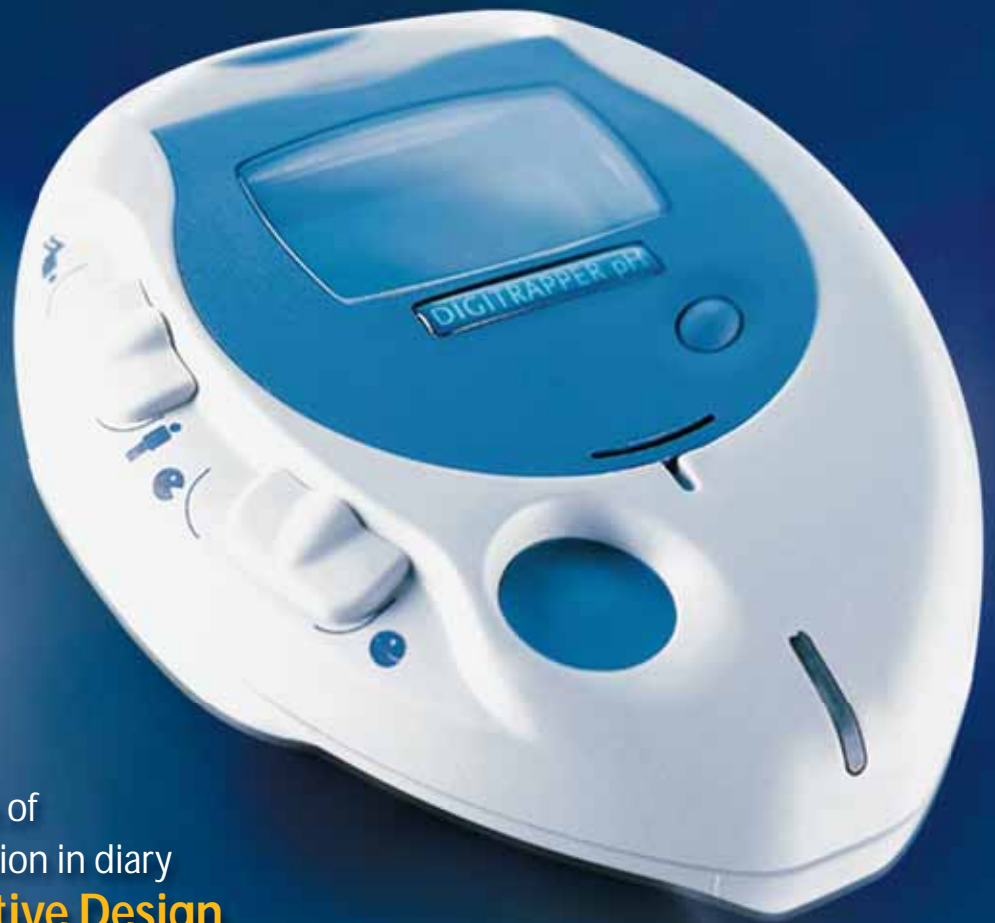




## **Commonly recognized as the standard in esophageal 24-hour pH monitoring**

**Recorder is easy to use for both clinician and patient**



- **Large Display**  
allows for easy visualization of correct time for event notation in diary
- **Ergonomic and Intuitive Design**  
minimizes patient inconvenience and anxiety
- **Single Symptom Button**  
for simplicity and increased accuracy of patient symptom reporting
- **LES Identification**  
displays actual manometric tracing displayed for accurate catheter location
- **Customizable Report**  
provides multiple options to use comprehensive, standard, or create custom report

# Digitrapper® pH

## Ambulatory 24-Hour pH Recorder

Feature	Benefit
• Time is displayed	• Correct time can be noted in diary
• Ergonomic and Intuitive design	• Minimizes patient inconvenience and anxiety
• Single symptom button	• Simplicity of patient reporting
• User-guided calibration	• Peace of mind and ease of use
• Infrared communication	• Ease of data transfer
• LES identification	• Actual manometric tracing displayed for accurate catheter location
• Customizable report	• Choice to use comprehensive standard or create a custom report
• Calibration procedure checks mV slope	• Helps ensure correct buffers are used
• Calibration procedure checks catheter performance	• Confirms functionality of catheter before use on patient

The Digitrapper® is engineered to work optimally with either VersaFlex® or GeroFlex®/M catheters.

## Accessories

- IrDA Dongle for communication between Digitrapper® pH and computer
- Electrode gel (GeroFlex®/M catheters)
- pH buffer solution/calibration kit
- Belt/shoulder strap (included with Digitrapper pH)
- Carrying pouch
- pHix strips
- Range of pH catheters: multi-use, single use, with or without LES locator

### DIGITRAPPER® pH, 400

Number of channels:	4 pH, 1 pressure
LES/UES On-line identification:	Manometric tracing on LCD display

### SYSTEM SPECIFICATIONS

GastroTrac® Workstation Software Analysis Module	• pH Testing Application • Advanced pH analysis
Scoring & normals:	Including: DeMeester & Johnson scoring (adult), Boix-Ochoa scoring (pediatric), infant normals percentile graph, Symptom/Reflux Correlation, Symptom Index, Symptom Association Probability
Common patient database:	For handling of patient demographics and data
Reports:	Standard or user definable
Languages:	Danish, Dutch, English, Finnish, French, German, Greek, Italian, Portuguese, Spanish, Swedish
Parameters measured:	pH, pressure
Event marker:	Patient-activated such as chest pain, etc.
Period switches:	Patient-activated; meal, recumbent
Catheter compatibility:	Single-use VersaFlex® or multi-use GeroFlex®/M antimony-based pH-catheter
Device operating system:	Windows® CE
LCD resolution:	Backlit graphics display, 73 x 119 pixels
Sampling rate:	1/4 Hz
Resolution:	12 bits
Measurement range:	0.1-9 pH
Data memory capacity:	4 MB
Memory type:	Flash data memory
Recording length:	24 hours
Battery type:	2 x AA alkaline
Self test:	Upon activation to verify functional integrity
Communication:	IrDA 1.1 port (infrared)
Upload time:	10-30 seconds for a normal 24-hour study
Weight:	Approx. 300 g, 10.5 oz
Regulatory approvals:	CE MDD compliant, 510(k) cleared
Standards compliance:	EN 60601-1, 2nd edition; EN 13485:2003 UL2601-1, 2nd edition
Computer Requirements:	The Digitrapper® must be used in conjunction with a Sierra dedicated notebook or workstation, pre-loaded with the GastroTrac® application software.

Polygraf ID, GastroTrac and Digitrapper is a registered trademark of Sierra Scientific Instruments in the United States and elsewhere.



**SIERRA SCIENTIFIC  
INSTRUMENTS**

*“Innovations in diagnostic technology”*

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