



Medtronic

DIGITRAPPER™ pH Ambulatory 24-Hour pH Recorder

After nearly two decades as the world leader in pH and motility, we decided to take pH testing to the next level. We now bring you the **Digitrapper™ pH**, engineered for precision and designed to work intuitively for you and your patient.

New Features Include:

- Large display for easy operation by technician and patient, with operator keys hidden during recording.
- Ergonomic and intuitive design to minimize patient inconvenience and anxiety.
- Single symptom button for increased accuracy and simplicity of patient symptom reporting.
- Infrared communication eliminates the need for computer cables and interfaces.
- Enhanced LES identification function displays an actual manometric tracing on screen.
- State-of-the-art Windows® CE operating system.
- Customize your own report, or use our concise yet comprehensive standard, including a 24-hour graph of the patient's reflux pattern, normal values and reflux score.



A Good Diagnosis is Half the Cure

DIGITRAPPER™ pH



Digitrapper™ pH, 400

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

Digitrapper™ pH, 100

Number of channels:	1 pH
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System Specifications

Polygram 98 Diagnostic Workstation software:	pH Testing Application (also compatible with Digitrapper Mk III)
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 heart burn, etc.
Period switches:	Patient activated; meal, recumbent
Catheter compatibility:	Single-use or multi-use antimony, glass
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
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
Minimum computer requirements:	IBM compatible PC, 350 MHz Pentium III, 256 KB Level 2 cache, 128 MB RAM, 4 GB HDD, CD Rom, Windows® 98 Second Edition (Internet Explorer 5.0/5.5), display resolution 1024x768, 24 bit true color
Weight:	Approx. 300 g, 10.5 oz
Standards compliance:	EN 60601-1, 2nd edition EN 46001:1997 EN ISO 9001:1994

Extended System Requirements for Windows 2000 Users:
Windows 2000 Professional, 600MHz Pentium III, 256MB RAM

Accessories

- IrDA Dongle for communication between Digitrapper pH and computer
- Range of pH catheters: multi-use, single use, glass, built-in or external reference electrode, with or without infusion port
- pH buffer solution
- Electrode gel
- Belt/shoulder strap (included with Digitrapper pH)

Training and Education

Training workshops:	Available at a network of clinics and hospitals throughout the world. Visit www.mfd.medtronic.com for information
Instructional videos:	Ambulatory 24-hour pH testing

Data is subject to change without notice.



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When Life Depends on Medical Technology

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