

Leading the world in G.I. Disposable Probes, Supplies and Accessories

**COMFORTABLE...EASY...
SMOOTH...FLEXIBLE...**

Gastroenterology probes from Sandhill Scientific are the perfect choice for every application. Our pH and Impedance/pH probes are available in three sizes to meet a variety of esophageal lengths. Small in diameter, our probes are made from specially-formulated polyurethane, which softens in response to body temperature to optimize ease of insertion and enhance patient comfort. All catheters are latex-free and are available in custom configurations. Not only that, our probes are 100% guaranteed...we stand behind our products!



SANDHILL
SCIENTIFIC

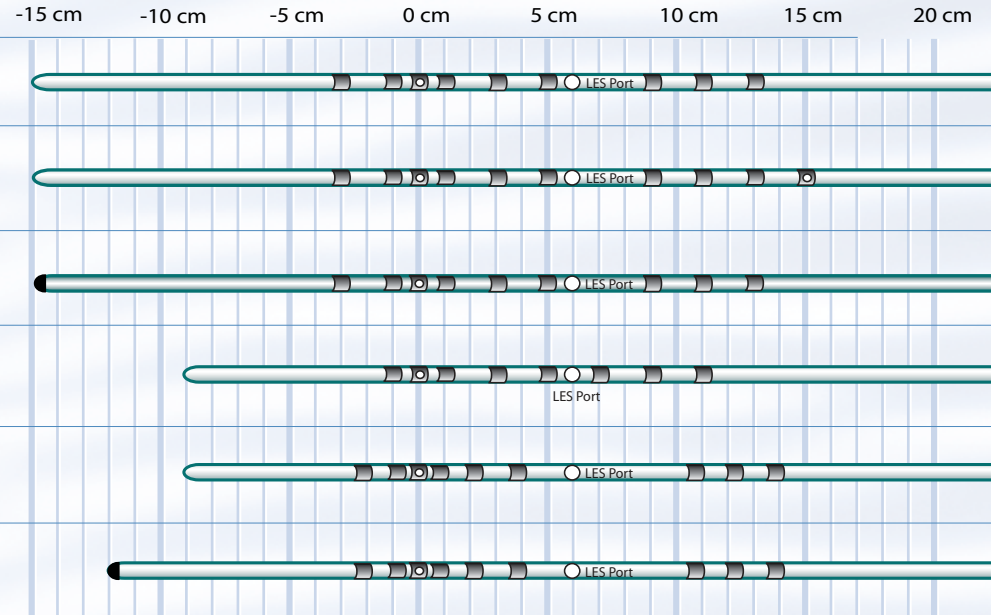


ComforTec® Z/pH Catheters (Single-Use)

Internal Reference

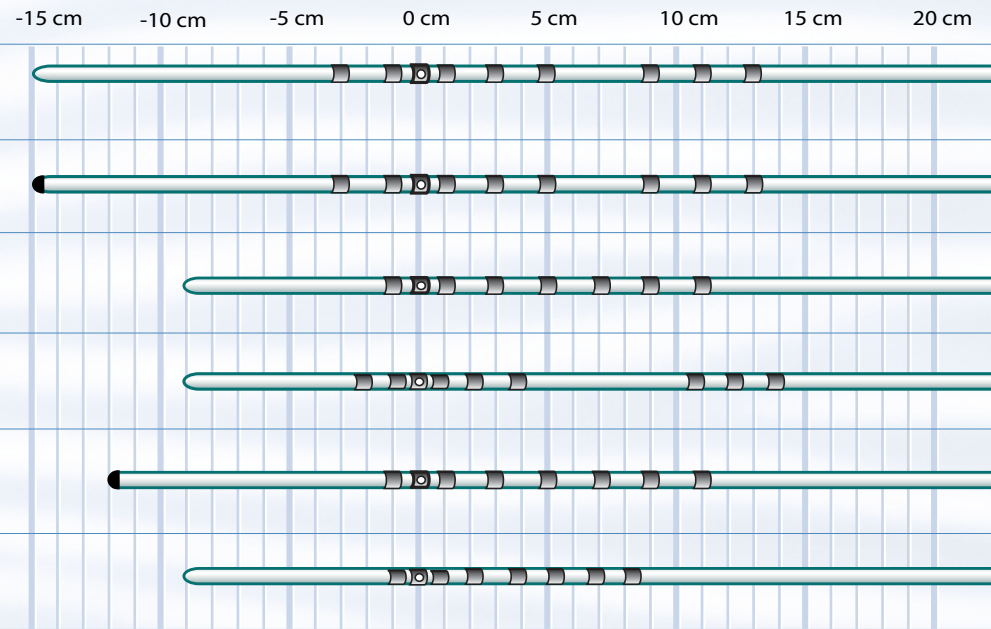
Infused

ZAI-BS-01	≥18 cm esophageal length, 6 impedance (spaced 2 cm), 1 pH channel (esophageal), diameter 6.9 FR / 2.3 mm
ZAI-BD-31	≥18 cm esophageal length, 6 impedance (spaced 2 cm), 2 pH channels (esophageal), 0 & 15 cm, diameter 6.9 FR / 2.3 mm
ZAI-BG-44	≥18 cm esophageal length, 6 impedance (spaced 2 cm), 2 pH channels (gastric & esophageal), -15 & 0 cm, diameter 6.9 FR / 2.3 mm
ZPI-BS-46	15-18 cm esophageal length, 6 impedance (spaced 2 cm), 1 pH channel (esophageal), diameter 6.9 FR / 2.3 mm.
ZPI-BS-50	15-18 cm esophageal length, 6 impedance (spaced 1.5 cm), 1 pH channel (esophageal), diameter 6.9 FR / 2.3 mm.
ZPI-BG-52	15-18 cm esophageal length, 6 impedance (spaced 1.5 cm), 2 pH channels (gastric & esophageal), -12 & 0 cm, diameter 6.9 FR / 2.3 mm.

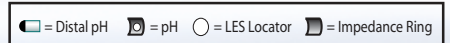


Non-Infused

ZAN-BS-01	≥18 cm esophageal length, 6 impedance (spaced 2 cm), 1 pH channel (esophageal), diameter 6.4 FR / 2.13 mm.
ZAN-BG-44	≥18 cm esophageal length, 6 impedance (spaced 2 cm), 2 pH channels (gastric & esophageal), -15 & 0 cm, diameter 6.4 FR / 2.13 mm.
ZPN-BS-46	15-18 cm esophageal length, 6 impedance (spaced 2 cm), 1 pH channel (esophageal), diameter 6.4 FR / 2.13 mm.
ZPN-BS-50	15-18 cm esophageal length, 6 impedance (spaced 1.5 cm), 1 pH channel (esophageal), diameter 6.4 FR / 2.13 mm.
ZPN-BG-07	15-18 cm esophageal length, 6 impedance (spaced 2 cm), 2 pH channels (gastric & esophageal), -12 & 0 cm, diameter 6.4 FR / 2.13 mm.
ZIN-BS-51	<15 cm, esophageal length, 6 impedance (spaced 1.5 cm), 1 pH channel (esophageal), diameter 6.4 FR / 2.13 mm.



Drawings are not to scale



External Reference

Acid LPR

-30 cm -25 cm -20 cm -15 cm -10 cm -5 cm 0 cm 5 cm

ZPI-BL-23E Esophageal reflux + acid LPR detection, 17-19 cm esophageal length, 6 impedance (spaced 1.5 cm), 2 pH channels, -16 & 0 cm, diameter 6.9 FR / 2.3 mm.



ZPI-BL-24E Esophageal reflux + acid LPR detection, 14-16 cm esophageal length, 6 impedance (spaced 1.5 cm), 2 pH channels, -14 & 0 cm, diameter 6.9 FR / 2.3 mm.



ZPI-BL-25E Esophageal reflux + acid LPR detection, 11-13 cm esophageal length, 6 impedance (spaced 1.5 cm), 2 pH channels, -12 & 0 cm, diameter 6.9 FR / 2.3 mm.



ZAI-BL-26E Esophageal reflux + acid LPR detection, 26-28 cm esophageal length, 6 impedance (spaced 2 cm), 2 pH channels, -25 & 0 cm, diameter 6.9 FR / 2.3 mm.



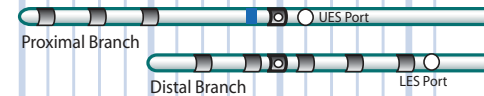
ZAI-BL-27E Esophageal reflux + acid LPR detection, 23-25 cm esophageal length, 6 impedance (spaced 2 cm), 2 pH channels, -22 & 0 cm, diameter 6.9 FR / 2.3 mm.



ZAI-BL-28E Esophageal reflux + acid LPR detection, 20-22 cm esophageal length, 6 impedance (spaced 2 cm), 2 pH channels, -19 & 0 cm, diameter 6.9 FR / 2.3 mm.



ZAI-BL-48E Esophageal reflux + acid LPR detection, universal bifurcated, 6 impedance (spaced 2 cm), 2 pH channels, diameter 6.9 FR / 2.3 mm.



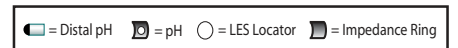
Buffer Solutions

D82-3103 pH 1 BUFFER SOLUTION - (500 mL bottle). For use with pH reflux testing systems and probes.

D82-3151 pH 4 BUFFER SOLUTION - (500 mL bottle). For use with pH or Z/pH reflux testing systems and probes.

D82-3152 pH 7 BUFFER SOLUTION - (500 mL bottle). For use with pH or Z/pH reflux testing systems and probes.

Drawings are not to scale



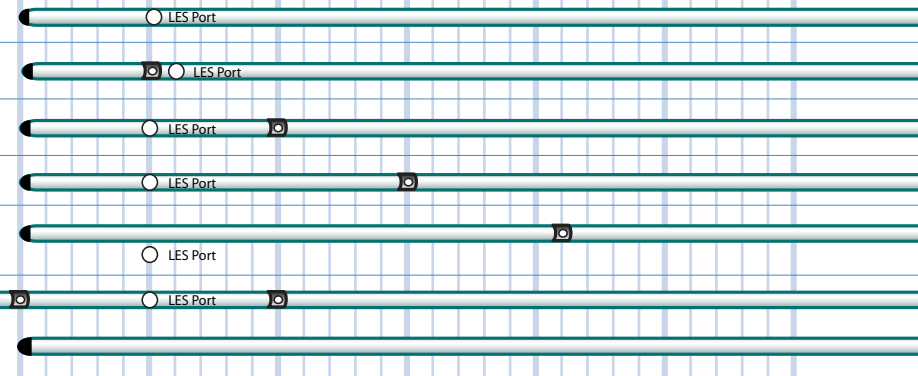
Comfortec® PLUS Acid (pH) Probes (Single-Use)

Internal Reference

Infused

PHIS	Single pH channel, diameter 6.9 FR / 2.3 mm.
PHI5	Dual pH channel, 5 cm spacing, diameter 6.9 FR / 2.3 mm.
PHI10	Dual pH channel, 10 cm spacing, diameter 6.9 FR / 2.3 mm.
PHI15	Dual pH channel, 15 cm spacing, diameter 6.9 FR / 2.3 mm.
PHI21	Dual pH channel, 21 cm spacing, diameter 6.9 FR / 2.3 mm.
PHI10-V	VariTEC, Bifurcated, 10 cm spacing on proximal branch and single channel on distal branch, infused on proximal branch, diameter 6.9 FR / 2.3 mm. Distal branch diameter 5 FR/1.67 mm.

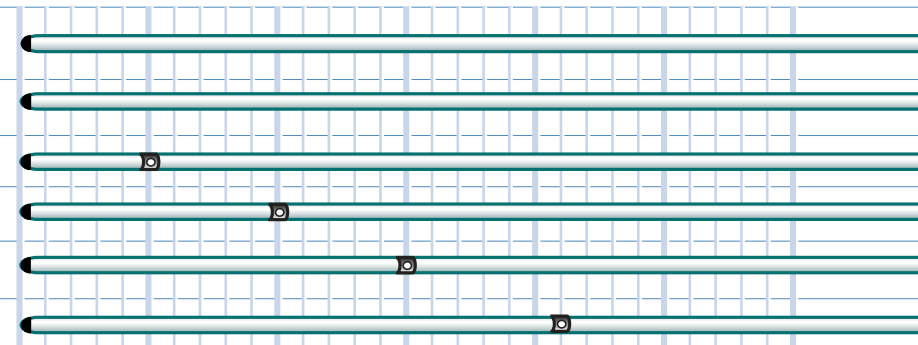
-5 cm 0cm 5 cm 10 cm 15 cm 20 cm 25 cm



Non-Infused

PHNS-P	Single pH channel, pediatric, diameter 5 FR / 1.67 mm.
PHNS	Single pH channel, diameter 6.4 FR / 2.13 mm.
PHN5	Dual pH channel, 5 cm spacing, diameter 6.4 FR / 2.13 mm.
PHN10	Dual pH channel, 10 cm spacing, diameter 6.4 FR / 2.13 mm.
PHN15	Dual pH channel, 15 cm spacing, diameter 6.4 FR / 2.13 mm.
PHN21	Dual pH channel, 21 cm spacing, diameter 6.4 FR / 2.13 mm.

-5 cm 0 cm 5 cm 10 cm 15 cm 20 cm 25 cm



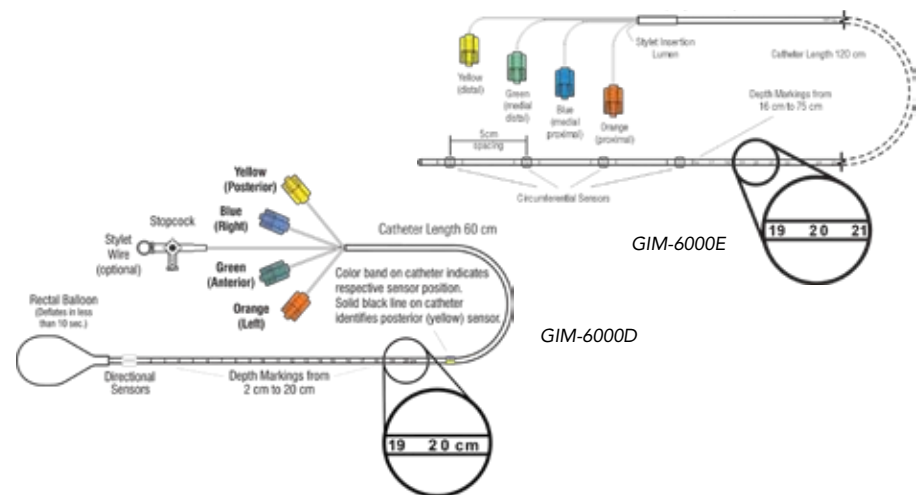
Clinical Innovations Latitude® Gastrointestinal Manometry Probes

Esophageal

GIM-6000E	4 Channel Disposable Probe, Package of 5 (shown)
GIM-6201	Stylet
GIM-6110	Calibration Stopper
GIM 6100	Calibration Kit
GIS-7010	Clinical Innovations Adapter Cable, InSIGHT G3

Anorectal

GIM-6000A	4 channel Radial Disposable Probe, Package of 5
GIM-6000D	4 channel Directional Disposable Probe, Package of 5 (shown)
GIM-6200	Stylet
GIM-6110	Calibration Stopper
GIM 6100	Calibration Kit
GIS-7010	Clinical Innovations Adapter Cable, InSIGHT G3



AirFLOW™ Sphincter Locator

Simplifies Sphincter location when used in combination with ComforTEC infused pH and Z/pH Probes.



Clinical Innovations' Latitude motility catheters use the latest technology to give you disposable catheters, with every sensor circumferential for improved results by eliminating anatomical irregularities. Latitude catheters are safe, easy to use, and more comfortable for patients. Latitude frees you from many encumbrances that complicate your procedures, slow you down, and keep you from expanding your practice.



Size and performance in G.I. diagnostics.

The ZepHr system employs impedance to detect reflux activity and uses pH to categorize each episode as acid or nonacid.

We call this unprecedented breakthrough Total Reflux Monitoring, because it delivers all the information you need for a precise, accurate assessment of acid and nonacid reflux as well as the correlation between reflux and symptoms.

Sandhill Scientific has been a world-wide leader in the field of gastroenterology diagnostics for nearly 30 years. Known for innovative technologies, the company continues to lead the industry in total solutions for G.I. diagnostics.

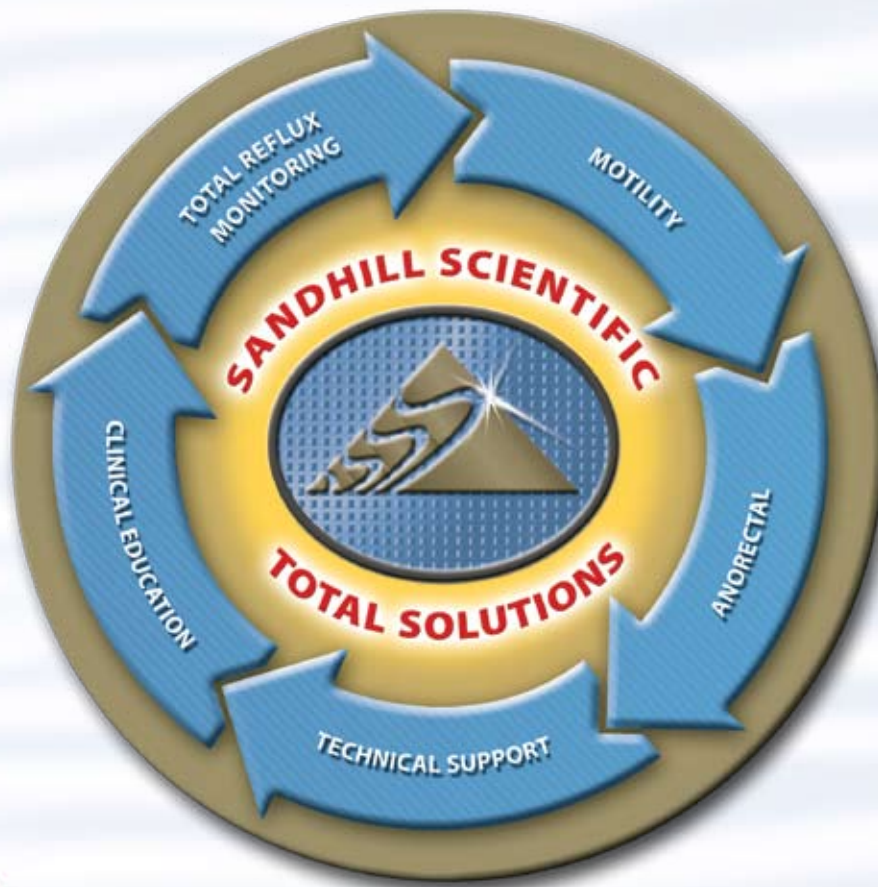


**Satisfaction
Guaranteed!**



Sandhill University - a higher level of training and education

Providing great products is just the first step in a long term relationship with our customer...we believe that education and training is the key component to the best utilization of our products which enables you to provide outstanding patient care. That's why at Sandhill University, we have developed a comprehensive set of options to meet your needs.



Sandhill Scientific, Inc
9150 Commerce Center Circle, #500
Highlands Ranch, CO 80129 USA
800.468.4556 303.470.7020
Fax: 303.470.2975

Sandhill Scientific - UK Ltd.
Unit 13
Oasis Business Park
Eynsham
Oxfordshire
OX29 4TP
Tel: (+44) 1865-882532
Fax: (+44) 1865-883970

Sandhill Scientific - Europe
Decopra s.r.o
Svabky 2, Budova B
180 00 Praha 8
Czech Republic
Tel: (+420) 222 352 340
Fax: (+420) 266 310 110



www.sandhillsci.com