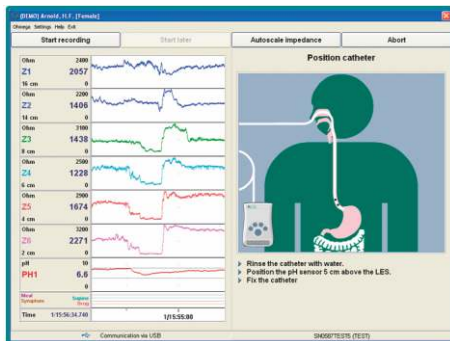


Disposable Impedance-pH catheters

ISFET microchip technology

'If you want to be absolutely sure about Impedance-pH recording'



Laborie offers a full range of ISFET based disposable Impedance-pH catheters to measure acidic, weakly acidic and non-acidic gastro-intestinal reflux causing GERD. ISFET stands for Ion-Sensitive Field-Effect Transistor technology. ISFET is a proven technique and provides very accurate measurement of pH.

ISFET is more accurate than antimony and response rates of reflux episodes rival that of premium quality glass catheters.

The Laborie ISFET Impedance-pH catheter program contains a product line with 6 Impedance channels and 1 or 2 pH sensors. This enables reliable recording of intra-esophageal and gastric pH. ISFET catheters have an internal reference electrode which provides greater ease of use. Calibration is always accurate.

Advantages of ISFET Impedance-pH catheters

Precise measurement

- The ISFET Ion-sensitive transistor technology provides high quality pH recording
- ISFET means stable pH signals for the full pH range (including gastric pH)
- Quick response rate for immediate recording of pH changes
- Low temperature drift, no need for temperature compensation
- Stability of 0.1 pH / 24 hours, max. 0.2 pH

Ease of use

- ISFET Impedance-pH catheters do not need to be pre-soaked, resulting in a short set-up time
- Catheters are easy to intubate for nurse or doctor

Patient friendly

- Small 6 French size and soft tubing for easy intubation and greater patient comfort

Proven

- ISFET is since 15 years well known in the laboratory, industrial and process industry



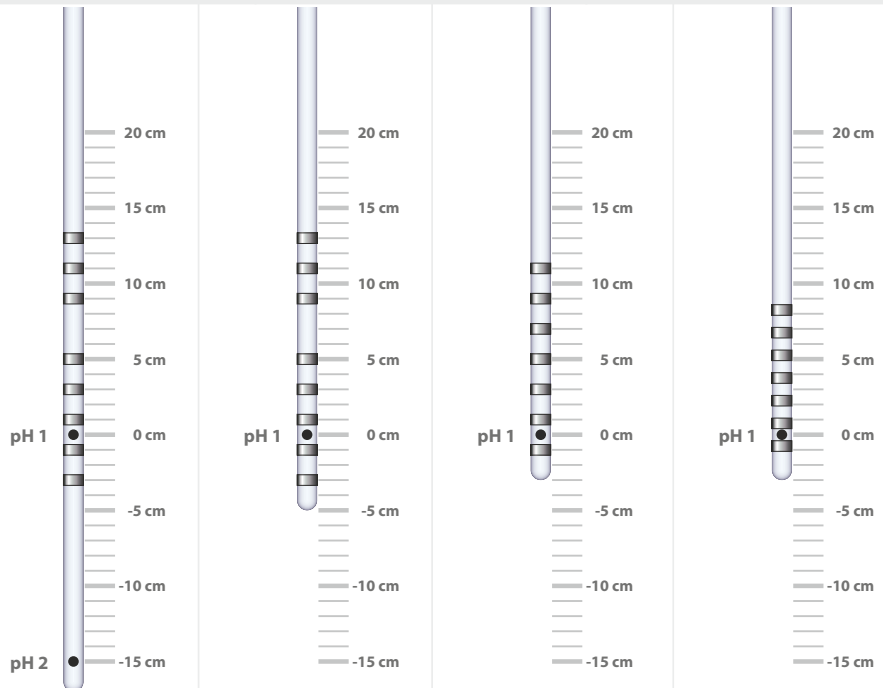
Laborie ISFET Impedance-pH catheters

Article code	K6011-EI-0782	K6011-EI-0632	K6011-EI-0633	K6011-EI-0634
Impedance channels	6	6	6	6
Spacing Impedance channels	2 cm	2 cm	2 cm	1.5 cm
pH channels	2	1	1	1
Reference	internal	internal	internal	internal
Location pH channels	esophageal gastric	esophageal	esophageal	esophageal
Diameter	6 French	6 French	6 French	6 French

- ▣ = Impedance ring
- = pH sensor
- = sphincter locator



Ohmega - Ambulatory Impedance-pH Recorder



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