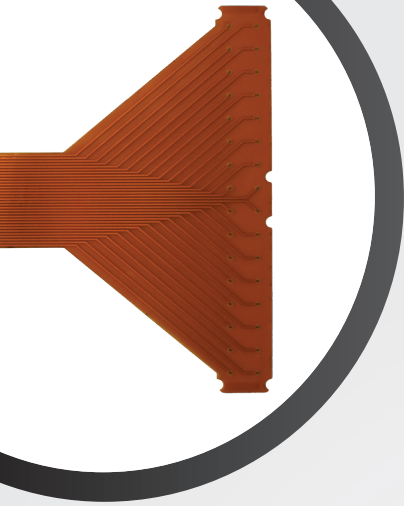




FlexiMap Array

32 channels Flexible | Electrode Array



The FlexiMap Array is becoming an academic benchmark for mapping bio-electrical slow wave in the gastrointestinal system in high spatio-temporal resolution. Over the past 10 years it has undergone numerous refinements and validations in various species including human, pigs, dogs and rabbit. Several studies have illustrated the ability to record the bio-electrical activity with high-fidelity, under a range of clinical experimental procedures from pacing to gastric sleeve resection.

Features

- High density, multichannel configuration
- Up to 1024 electrodes with various configurations (with FlexiMap hardware)
- Suitable for repeat use and sterilization with Sterrad (ASP) and V-Pro (STERIS)
- Zero insertion force connectors

Example Applications

- Serosal mapping of gastrointestinal system
- Mucosal mapping of gastrointestinal system
- Laparoscopic gastric mapping



Channel Count:	32 electrodes/ array
Electrode:	Gold
Electrode Spacing:	4 mm
Electrode Head:	30 x 61mm
Array Length:	600 mm
Electrode Track Width:	0.2 mm

- Berry, R., et. al., 2017. Patterns of Abnormal gastric pacemaking after sleeve gastrectomy defined by laparoscopic high-resolution electrical mapping. *Obesity Surgery*, In Press.
- Angeli, T.R., et. al., 2015. Loss of interstitial cells of Cajal and patterns of gastric dysrhythmia in patients with chronic unexplained nausea and vomiting. *Gastroenterology*, 149(1), pp.56-66.
- O'Grady, G., et. al., 2012. Abnormal initiation and conduction of slow-wave activity in gastroparesis, defined by high-resolution electrical mapping. *Gastroenterology*, 143(3), pp.589-598.

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