



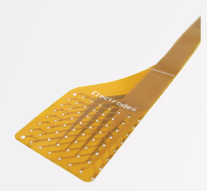
FlexiBox

128 channels | Mapping and Monitoring

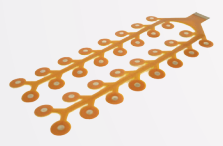
The FlexiBox is a modular and portable multi-channel high resolution bioelectrical measurement system suitable for research applications.

Flexible Electrodes → Recording System → Analysis Software

Laparoscopic
(spacing: 3 mm)



Body-surface
(spacing: 20 mm)



FlexiBox
(channel: 128)



Gastrointestinal electrical
mapping suite



Normal activity:



Abnormal activity:



1 millivolt
10 seconds

Specifications

- Sampling frequency between 1kHz to 30kHz.
- High frequency cutoff adjustable 100 Hz to 20 kHz. Low frequency cutoff adjustable between 0.1-500 Hz.
- Amplifier range ± 5 mV with 16-bit sampling resolution.
- True zero gain at DC rejects electrode offset voltages.
- RMS noise levels of 2 μ V.
- Dimensions: 170 mm (W) x 100 mm (H) x 145 mm (D).

Inputs

- Modular 32 channel amplifier system. Provides between 32 to 128 unipolar recording channels.
- Compatible with FlexiMap high-resolution electrode arrays.
- PC Interface via USB 2.0. (compatible with Windows 7 and above). Custom visualisation software.
- Powered by 5V AC adaptor.

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