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FlexElec Probe Electrode

Product Details

The *FlexElec* probe electrode is designed as a metallic wire with a tip coated with polymeric technology *FlexElec*. This technology reduces non-linear artefacts and DC drift during recording, as well as enhances charge injection capacities for safe stimulation, making these electrodes suitable for *in vitro* studies or acute *in vivo* experiments.

Key Benefits

- Reduced non linear artefacts and DC drift
- Enhanced charge injection

Applications

- *In vitro* studies
- Acute *in vivo* experiments

Specifications

Materials	
Probe body	PTFE-insulated Silver wires (70 mm long)
Probe tip	Platinum-Iridium 90:10 wire (5 mm long) coated with Polymeric *FlexElec*

Dimensions	
Probe total length	75 mm
Probe diameter	0.25 mm

Connection
Available form factors for connection: > Exposed end wire > Pin header

Electrical data	
Impedance	73.50 Ω

Reusability	
Typical number of uses	20
Shelf life	6 months

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