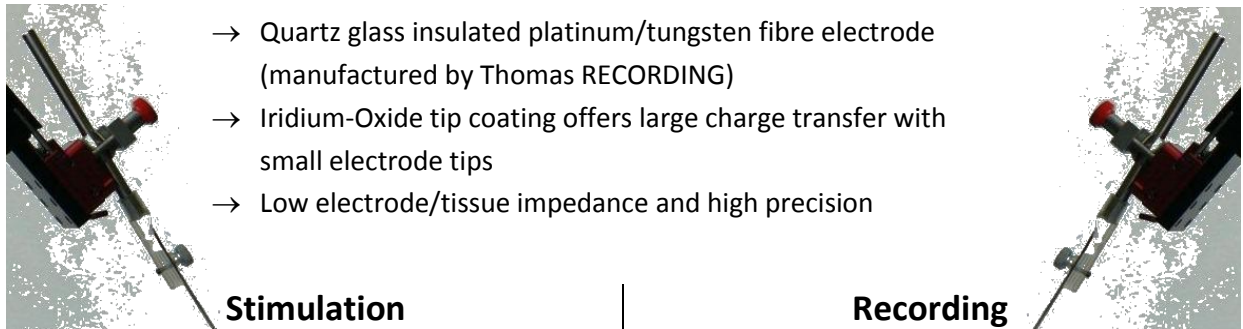


For high precision measurement also high precision electrodes are essential. We deliver electrodes optimized for your Synchroslice setup. Reusable over months and the lengths of tip and shaft will be adapted without additional costs.

Key Features



- Quartz glass insulated platinum/tungsten fibre electrode (manufactured by Thomas RECORDING)
- Iridium-Oxide tip coating offers large charge transfer with small electrode tips
- Low electrode/tissue impedance and high precision

Stimulation

Recording

Monopolar:

- Impedance: < 100kOhm
- Customized connection; please specify with order (e.g.: connector for Synchroslice preamplifier,...)
- Customized electrode length; please specify with order L1 (shaft length) and L2 (tip length);
- Electrode fibre strengthened with stainless steel cannula
- Outer diameter cannula: 254µm

Bipolar:

- Impedance: < 100kOhm
- Customized connection; please specify with order (e.g.: connector for Synchroslice preamplifier,...)
- Customized electrode length; please specify with order L1 (shaft length) and L2 (tip length);
- Electrode fibre strengthened with stainless steel cannula
- Outer diameter cannula: 254µm
- tip distance: 254µm (others on request)

- Very good signal to noise (S/N-) ratio
- Impedance: appr. 0,5 MΩ
- Customized connection; please specify with order (e.g.: connector for Synchroslice preamplifier,...)
- Customized electrode length; please specify with order L1 (shaft length) and L2 (tip length);
- Smooth passage between core conductor and insulator minimizes tissue damage
- High recording bandwidth (field potential and spike recordings)
- Microgrooves in the metal cause a large effective metal surface area, no platinization required
- High biocompatibility
- Well suited for microstimulation and Lesioning