

## MCScap-E electrode

Point Ag/AgCl sintered electrode for EEG recording with TouchProof 1.5 mm connector, cable length 1.2 m.

### REF

003-0-101



### INTENDED USE

Routine EEG, Research EEG.

### SET

- MCScap-E electrode.

### DESCRIPTION

MCScap-E is a point Ag/AgCl sintered electrode for EEG recording. MCScap-E is designed for research that requires frequent installation and quick removal of electrodes for cleaning and disinfection. Used with MCScap textile caps with retaining rings. The Ag / AgCl sintered electrode material guarantees minimum polarization and long-term signal stability, as well as an increased electrode life. The electrode has a universal connector TouchProof 1.5 mm, which fits most EEG amplifiers.

### SPECIFICATION

|   |                                   |
|---|-----------------------------------|
| Material of electrode conductive surface  | Ag/AgCl sintered                  |
| Electrode body material   | polyurethane                      |
| Square of electrode conductive surface  | 4 mm <sup>2</sup>                 |
| Internal diameter of the electrode at the point of contact of the electrode contact substance with the skin | 8 mm                              |
| Surface area of contact of the electrode substance with the skin  | 50.2 mm <sup>2</sup>              |
| Outer diameter of the electrode at the point of contact with the skin                                       | 15.8 mm                           |
| Distance from the skin to the electrode conductive surface  | 0.7 mm                            |
| The diameter of the hole in the electrode to add gel  | 2.8 mm                            |
| Electrode polarization  | ≤ 50 mV                           |
| Resistance of electrodes insulation   | ≥ 1000 MΩ                         |
| Dielectric strength of electrodes insulation  | 1500 V                            |
| The impedance of the electrode  | ≤ 5 kΩ                            |
| Electrode cable length  | 1.2 ± 0.05 m                      |
| Connector type  | TouchProof 1.5 mm (DIN 42 802-ST) |
| Use with MCScap® textile caps   | yes, with fixing rings            |



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|--------------|------|
| Net weight   | <7 g |
| Gross weight | <7 g |

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