

Ear electrodes BASE

Set of MCScap-E electrodes and ear fixators for placing electrodes on the earlobes.

REF

003-0-108



SET

- MCScap-E electrode - 2 pcs.,
- MCScap-A ear fixators - 2 pcs.

DESCRIPTION

Ear electrodes BASE is a set of MCScap-E electrodes and MCScap-A ear fixators.

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.

The MCScap-A is an ear fixator specially designed for attaching MCScap-E point electrodes to earlobes. The fixator tightly presses the electrode to the earlobe and does not cause discomfort to the patient.

SPECIFICATION

Electrode	MCScap-E
Material of electrode conductive surface	Ag/AgCl sintered
Electrode body material	polyurethane
Square of electrode conductive surface	4 mm ²
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 ²
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
Connector type	TouchProof 1.5 mm (DIN 42 802-ST)
Electrode cable length	1.5 ± 0.05 m



Net weight	< 20 g
Gross weight	< 20 g

