

## Ear electrodes CLINIC

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

### REF

003-0-111



### SET

- MCScap-TC electrode - 2 pcs.,
- MCScap-AT ear fixators - 2 pcs.

### DESCRIPTION

Ear electrodes CLINIC is a set of MCScap-TC electrodes and MCScap-AT ear fixators.

MCScap-TC is a cup Ag/AgCl electrode for EEG recording. The shape of the electrode provides increased patient comfort during the study for a long time. The Ag/AgCl electrode material guarantees minimum polarization and long-term signal stability. The conductive surface of the MCScap electrodes is not in direct contact with the skin. Contact is provided by a conductive substance. A hole in the electrodes is provided to add a conductive gel. The electrode has a universal connector TouchProof 1.5 mm, which fits most EEG amplifiers.

The MCScap-AT is an ear fixator specially designed for attaching MCScap-T/NT/TC cup electrodes to earlobes. The fixator tightly presses the electrode to the earlobe and does not cause discomfort to the patient.

### SPECIFICATION

Electrode	MCScap-TC
Material of electrode conductive surface	Ag/AgCl
Electrode body material	polyurethane
Square of electrode conductive surface	26 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	11.9 mm
Distance from the skin to the electrode conductive surface	1.1 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



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Dielectric strength of electrodes insulation	1500 V
The impedance of the electrode	$\leq 5 \text{ k}\Omega$
Connector type	TouchProof 1.5 mm (DIN 42 802-ST)
Electrode cable length	$1.5 \pm 0.05 \text{ m}$
Net weight	$< 15 \text{ g}$
Gross weight	$< 15 \text{ g}$

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