

Ear electrodes SLEEP

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

REF

003-0-109



SET

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

DESCRIPTION

Ear electrodes SLEEP is a set of MCScap-T electrodes and MCScap-AT ear fixators.

MCScap-T is a thin cup Ag / AgCl sintered electrode for EEG recording. MCScap-T is designed for maximum patient comfort during examination in lying down position, for example, during sleep EEG or for examination of newborns. The design of this electrode is the most preferred for conducting combined TMS-EEG studies. The Ag / AgCl sintered electrode material guarantees minimum polarization and long-term signal stability, as well as an increased electrode life. 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. Use with conductive paste is possible. 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-T
Material of electrode conductive surface	Ag/AgCl sintered
Electrode body material	polyurethane
Square of electrode conductive surface	7 mm ²
Internal diameter of the electrode at the point of contact of the electrode contact substance with the skin	6 mm
Surface area of contact of the electrode substance with the skin	28.3 mm ²
Outer diameter of the electrode at the point of contact with the skin	11.5 mm
Distance from the skin to the electrode conductive surface	1.6 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)



Electrode cable length	1.5 ±0.05 m
Net weight	< 10 g
Gross weight	< 10 g

