DATA SHEET

MCScap-C electrode

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

REF

003-0-106

INTENDED USE

For registration of electrical potentials of the cerebral cortex (EEG).

SET

– MCScap-C electrode.

DESCRIPTION

MCScap-C is a skirt Ag/AgCl electrode for EEG recording. The shape of the electrode in the form of a bowl with a wide skirt allows you to achieve a snug fit to the patient's head and provides comfort throughout the study, and also does not allow the electrode gel to flow out of the electrode body. 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.

MCScap-C electrode can be used for general EEG practice.

SPECIFICATION

Material of electrode conductive surface	Ag/AgCl
Electrode body material	polyurethane
Square of electrode conductive surface	26 mm^2
Internal diameter of the electrode at the point of contact of the electrode contact substance with the skin	10 mm
Surface area of contact of the electrode substance with the skin	78.5 mm^2
Outer diameter of the electrode at the point of contact with the skin	15 mm
Distance from the skin to the electrode conductive surface	3.5 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

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Connector type	TouchProof 1.5 mm (DIN 42 802-ST)
Use with MCScap® textile caps	yes, fixing directly in the holes of the cap
Net weight	< 4 g
Gross weight	< 4 g

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