

## MCScap-StNT electrode

Cup Ag/AgCl sintered electrode for EEG recording, compatible with silicone tubular cap, TouchProof 1.5 mm connector, cable length 1.2 m.

### REF

003-0-176



### INTENDED USE

Routine EEG, research EEG, high resolution EEG.

### DESCRIPTION

MCScap-StNT is a cup Ag/AgCl sintered electrode for EEG recording, compatible with silicone tubular cap. MCScap-StNT is designed for research requiring increased patient comfort for a long time. 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. 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	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
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, fixing directly in the holes of the cap
Use with tubular caps	yes
Net weight	< 4 g
Gross weight	< 4 g

