

Textile caps for EEG electrodes

Textile cap MCScap is made of elastic material that provides the most comfortable fit of the electrodes without additional adjustment. Cap has marked holes for electrodes according to the chosen international system - 10-20/10-10/10-5. Numerous big holes are intended for ventilation. Comfortable chin strap or chest belt for cap fixing.



12 sizes of cap cover the head sizes from 24 cm to 66 cm head circumference. Color material or color seams help to make a quick choice of right size.

Size	Head circumference	Intended for use
XL	60-66 cm	Adults
XL/L	57-63 cm	
L	54-60 cm	
L/M	51-57 cm	Children, women
M	48-54 cm	
M/S	45-51 cm	Babies, infants
S	42-48 cm	
S/XS	39-45 cm	
XS	36-42 cm	
Inf I	32-36 cm	Newborn Infants, preemies
Inf II	28-32 cm	
Inf III	24-28 cm	

Textile cap MCScap can be two types:

- Cap for electrodes which are fixed into the cap directly.
- Cap with fixing rings for point MCScap-E electrodes.

Medical Computer Systems company is specialized in the designing and manufacturing of high-tech medical devices since 1993.

Projects cover a wide range of EEG equipment and accessories: EEG amplifiers for clinic and research, including multi-channel and MR-compatible EEG amplifiers, wireless EEG recorders, active and passive EEG electrodes. MCS supports the international quality system ISO 9001, ISO 13485 and manufactures many products with CE mark.



Customized solution. MCS offer to create your MCScap by yourself.

Custom configuration of electrode positions and channels, connector and type of electrodes are available.

CS22 – MCScap compatible electrode

for transcranial electrical stimulation (tDCs/tACs) and EEG



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Web-shop: www.mcscap.com

MCScap accessories are CE marked and have EU patent 6 months of warranty



MCScap EEG accessories

4 solutions for the best EEG

- quality EEG registration
- easy and fast installation
- comfortable for patient

EEG electrodes and accessories

Reusable passive electrodes are based on high-quality Ag/AgCl and Ag/AgCl sintered sensors which guarantee minimal polarization and long-term stability.

All MCScap electrodes can be integrated into textile cap MCScap. Electrodes can have TouchProof connectors or can be preinstalled in the Electrode cap with common connector. All electrodes have special holes for conductive gel.

MCScap-E – point Ag/AgCl sintered electrode designed for studies that requires frequent installation and extraction of electrodes for cleaning and disinfection.



MCScap-T – thin cup Ag/AgCl sintered electrode designed for studies that requires increased comfort for patients in lying position during sleep or newborn studies.

MCScap-NTC – skirt Ag/AgCl sintered electrode designed for studies that requires to achieve a tighter fit to the patient's head, while the wide base provides patient's comfort throughout the study. The bowl shape prevents the electrode gel from flowing out of the electrode body.

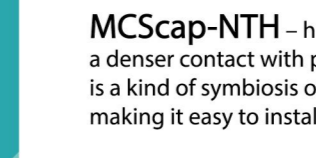


MCScap-C – skirt Ag/AgCl electrode specially designed for routine EEG studies in clinics. Electrode repeats the form of a wide-bowl with skirt used in MCScap-NTC electrode.

MCScap-TC – cup Ag/AgCl electrode designed for routine EEG studies in clinics. Electrode requires increased comfort for patients during long monitoring.



MCScap-NT – cup Ag/AgCl sintered electrode designed for studies that requires increased patient comfort for a long time. Electrode sensor is located close to the patient's skin, but does not have direct contact with it. This way is the most preferable for carrying out combined TMS-EEG studies.



MCScap-NTH – high Ag/AgCl sintered electrode that provides a denser contact with patient's skin in conditions of thick hair. MCScap-NTH is a kind of symbiosis of the MCScap-NT cup electrode and fixing ring, making it easy to install and remove the electrode from textile cap.



* Connector touchproof 1,5 mm.

MCScap CLINIC



Area of application:

- routine EEG



- Ag/AgCl electrode
- tight-fitting
- no gel flow out
- patient comfort
- a hole for the gel
- possibility of using a tampon with fiz. solution instead of EEG gel

Connector DB-25M



Set include:

EEG recording cap CLINIC, EEG starter kit (EEG gel, syringe with blunted needle, brushes for electrodes cleaning), User manual.

MCScap SLEEP



Exit of electrode cable at the top of the head for studies that requires increased comfort for patients in lying position during sleep or newborn studies.

Area of application:

- routine EEG
- sleep EEG
- high resolution EEG
- TMS-EEG



- Ag /AgCl sintered electrode
- increased life of electrode
- thin electrode
- max. comfort of the patient in the position of lying
- a hole for the gel

Connector DB-25M



Set include:

EEG recording cap SLEEP, add. electrode fixator (elastic bandage), EEG starter kit (EEG gel, syringe with blunted needle, brushes for electrodes cleaning), User manual.

MCScap PROFESSIONAL



Area of application:

- scientific research EEG
- high resolution EEG*
- MR-compatible EEG**



- Ag/AgCl sintered electrode
- the largest area of the sensor
- increased life of electrode
- tight-fitting
- no gel flow out
- patient comfort
- a hole for the gel

Connector DB-25M



Set include:

EEG recording cap PROFESSIONAL, EEG starter kit (EEG gel, syringe with blunted needle, brushes for electrodes cleaning), spare electrode, storage bag, User manual.

* High-resolution EEG recording cap
** MR-compatible cap (not magnetic edition, with distributed resistance)

MCScap ELECTRODE SET



Area of application:

- routine EEG
- scientific research EEG



- Ag/AgCl sintered electrode
- increased life of electrode
- the ability to quick installation and reconfiguration
- easy replacement of broken electrode
- a hole for the gel
- labels for electrodes marking

Connector TouchProof

1,5 mm



Set include:

26 pcs. MCScap-E electrodes with Ag/AgCl sintered sensor, electrode stickers, ear electrode fixators, 2 pcs. textile cap with fixing rings, EEG starter kit, bag.