

DATA SHEET

## DEC 23 pre-gelled

Disposable EEG cap with 23 pre-gelled passive Ag/AgCl scalp electrodes according to the international 10-20 system.

REF	Size	Head circumference	
006-2-009	L	54-60 cm	21" - 23 5/8"
006-2-010	M	48-54 cm	19" - 21"
006-2-011	S	42-48 cm	16 1/2" - 19"



### AREA OF APPLICATION

Neurology, neuroscience, neurophysiology, functional diagnostics.

### SET

- DEC 23 pre-gelled

### DESCRIPTION

DEC 22 pre-gelled is disposable electrodes system made of polycarbonate based film with applied conductive paths and sensors electrodes. In the DEC 22 pre-gelled version, each electrode is equipped with a sponge with conductive gel to provide electrode contact with the skin. In this version, an individual blister is preinstalled for each electrode to protect it from drying out. Common connector is placed on the back of a head for the registration in sitting position. DEC could be connected to amplifier directly or via a special adapter.

### Necessary reusable accessories:

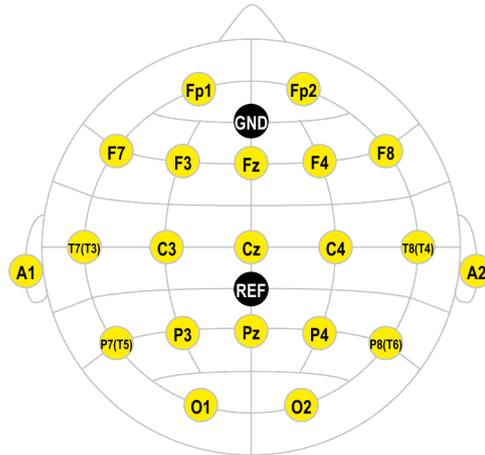
- Adapter DEC23-DB25 for connection DEC with 23 electrodes to EEG amplifier with common connector DB-25F
- Adapter TP2DB25F-DEC23 for connection EEG cap with common connector DB-25M to any EEG amplifier via TouchProof 1.5 mm connectors



## TECHNICAL DATA

Number of EEG electrodes	23
Electrode positions	Fp1, Fp2, F3, F4, F7, F8, Fz, Cz, C3, C4, Pz, T3, T4, P3, P4, A1, A2, T5, T6, O1, O2, GND(@AFz), REF(@CPz)

Scheme of electrode arrangement



#23EM23

Electrode polarization	< 15 mV
Electrode noise	< 2 $\mu$ V p-p in the passband of 1 Hz to 75 Hz
Electrode impedance	less 1 kOhm in the passband of 0.15 Hz to 75 Hz
Material of electrode conductive surface	Ag/AgCl
Diameter of the sensor surface	10 mm
Sterility	non sterile
Electrode condition	pre-gelled, electrodes are already with EEG conductive gel
Available sizes	L (54 – 60 cm), M (48 - 54 cm), S (42 - 48 cm)
Set up time	3-5 minutes
Work duration after the package opening without add of gel	4 hours, without add of gel
Work duration after the package opening	24 hours, with add of gel every 4 hours
Storage of the opened package	24 hours
Amount in a package	1 pc.
Net weight	30 $\pm$ 1 g
Gross weight	80 $\pm$ 5 g
Dimensions of package (LxWxH)	490x460x15 $\pm$ 2 mm

