

DATA SHEET

DEC NET 23

Disposable EEG cap for long-term monitoring.



REF	Size	Head circumference	
006-3-005	L	54-60 cm	21" - 23 5/8"
006-3-006	M	48-54 cm	19" - 21"
006-3-007	S	42-48 cm	16 1/2" - 19"

AREA OF APPLICATION

Neuroscience, neurophysiology, functional diagnostics.

SET

- DEC NET 23

DESCRIPTION

DEC NET 23 is disposable electrodes system made of polycarbonate based film with applied conductive paths and sensors electrodes. The DEC NET version, the fix net cap is designed for long-term monitoring, and the disposable electrode systems are attached to the net cap. Common connector is placed on the top of a head for patients in the supine position. DEC NET 23 could be connected to amplifier via a special adapter.

Necessary reusable accessories:

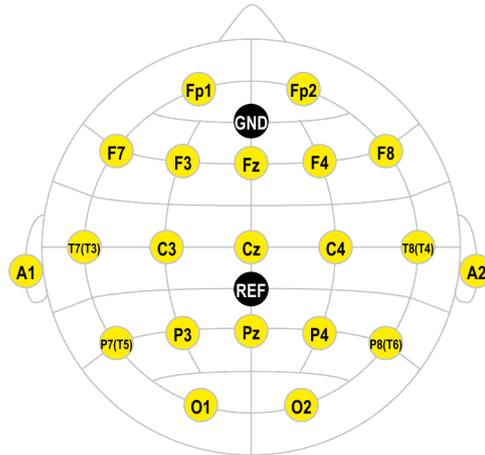
- Adapter DEC NET 23-DB25 for connection DEC with 23 electrodes to EEG amplifier with common connector DB-25F
- Adapter TP2DB25F-DEC23 for connection EEG cap with common connector DB-25M to any EEG amplifier via TouchProof 1.5 mm connectors



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 μ 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	without gel, need to add EEG conductive gel or paste by self
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	up to 72 hours
Storage of the opened package	1 month
Amount in a package	1 pc.
Net weight	10 \pm 1 g
Gross weight	20 \pm 1 g
Dimensions of package (LxWxH)	65x65x65 \pm 10 mm

