



NO CROSS INFECTION

pre-gelled disposable EEG cap

Disposable EEG cap with 23 pre-gelled Ag/AgCl electrodes

- ✓ 100% solution to the problem of cross-infection
- ✓ Ready to use cap with pre-gelled electrodes
- ✓ Easy and quick set up - less than 5 min
- ✓ Light and comfortable cap for patient
- ✓ Regulation of sideline fixators for correct size fitting and exact electrode positions



Make EEG recording smart – save time!

- ✓ no need preparation and gel
- ✓ no need clean and dry
- ✓ no need disinfection

Sizes:

L 54 - 60 cm 21" - 23 5/8"

M 48 - 54 cm 19" - 21"

S 42 - 48 cm 16 1/2" - 19"



Disposable EEG cap in standard edition (without gel) is also available

Everywhere where EEG needs from medical and scienc application up to sport and creativity

Neurology

Emergency Room

Intensive Care Unit

Operating Room

Nursing Care

Ambulances

Sports Medicine

Clinical & Science Research



DEC pre-gelled
Installation



Specification

| | |
|---------------------------------|--|
| Name of product | DEC pre-gelled |
| 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, REF |
| Electrode material | Ag/AgCl |
| Electrode polarization | <15 mV |
| Electrode noise | <1 uV p-p (0.16 rms) @ 0.1-70Hz |
| Electrode impedance | < 1 kOhm @ 0.1 ÷ 70Hz |
| Electrode condition | pre-gelled, electrodes are already with EEG conductive gel |
| Duration of EEG recording | 4 hours, without add of gel |
| Total duration of EEG recording | 24 hours, with add of gel every 4 hours |
| Available sizes | L (54 – 60 cm), M (48 - 54 cm), S (42 - 48 cm) |
| Set up time | 3-5 minutes |
| Storage of the opened package | 24 hours |
| Storage life | 24 months |
| Storage temperature | -30...50 C |
| Size of package (LxWxH) | less 490x460x15, mm |
| Weight of cap in the package | less 200 grams |

Necessary reusable accessories:

- Adapter DEC23-DB25 for connection DEC 23 to EEG amplifier with common connector DB25, 1.5 m cable length
- Adapter TP2DB25F for connection EEG cap with common connector DB25 to any EEG amplifier via TouchProof connectors, 0.3 m cable length

In current COVID-19 pandemic time – problem with cross-infection must be solved with 100% guarantee decision. We recommend to use Disposable accessories for EEG recording and follow to Protocol for reducing COVID-19 transmission risk in EEG research.

<https://protocolexchange.researchsquare.com/article/pex-974/v1>