

DATA SHEET

DEC infant

Disposable EEG cap with 12 passive Ag/AgCl scalp electrodes for neonatal EEG recording.

REF	Size	Head circumference
006-1-001	XS	36-42 cm
006-1-002	Inf I	32-36 cm
006-1-003	Inf II	28-32 cm
006-1-004	Inf III	24-28 cm
006-1-007	mix	



AREA OF APPLICATION

Neonatal EEG, neurology, neurophysiology, functional diagnostics.

SET

- DEC infant - 5 pcs.

DESCRIPTION

DEC infant is disposable electrodes system made of polycarbonate based film with applied conductive paths and sensors electrodes. The DEC infant version, intended for premature borns and infants (newborns), it is fixed to a head by the EEG paste, and additional fixation is achieved by adhesive medical tape. Common connector is placed on the side line to recording EEG for child patients in the supine position. DEC infant intended for use with amplifiers of medical signals by special adapter.

Main advantages:

- 100% solution to the problem of cross-infection
- Light, safe and comfortable cap for infants (newborns)
- Easy and quick set up - 3-5 minutes

Necessary reusable accessories:

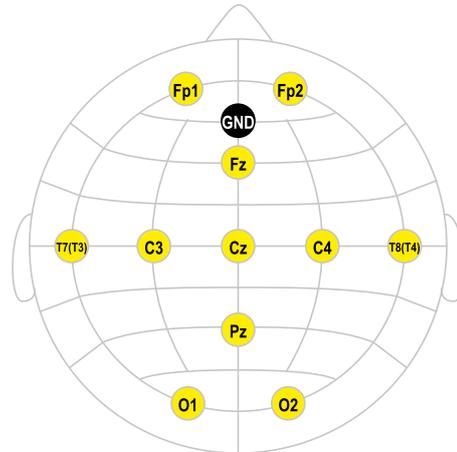
- Adapter DEC12-DB25 for connection DEC with 12 electrodes to EEG amplifier with common connector DB-25F
- Adapter TP2DB25F-DEC12 for connection EEG cap with common connector DB-25M to any EEG amplifier via TouchProof 1.5 mm connectors



TECHNICAL DATA

Number of EEG electrodes	12
Electrode positions	FP1, FP2, O1, O2, C3, C4, T7(T3), T8(T4), Fz, Cz, Pz, GND(@AFz)

Scheme of electrode arrangement



#70M12

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
Total length of lead cables (product, adapter cable, extension cable)	Not more 5.0 m
Electrode condition	without paste, need to add EEG conductive paste by self
Available sizes	XS (36-42 cm), Inf I (32-36 cm), Inf II (28-32 cm), Inf III (24-28 cm)
Set up time	3-5 minutes
Storage of the opened package	1 month
Amount in a package	5 pcs.
Net weight	3 \pm 1 g
Gross weight	40 \pm 5 g
Dimensions of package (LxWxH)	490x460x15 \pm 20 mm

