



biosignal acquisition tool-kit for advanced research applications

Product Descriptions – Electrodes & Internal Memory

DISCLAIMER

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Electrodes

Gelled Self-Adhesive Disposable Ag/AgCl (pack of 25 electrodes)



Reference: ACCELECTR001-24-25

Description

Pack of 25 standard pre-gelled and self-adhesive disposable electrodes. Can be used with ECG, EEG, EMG & EDA sensors.

Features:

- 1 stud connector
- Self-adhesive
- Diameter: 24 mm
- Thickness: 1mm
- Core: Ag/AgCl coated polymer
- Gel: Conductive and adhesive hydrogel

Non-gelled Reusable Ag/AgCl (pack of 10 electrodes)

Reference: ACCRINGTRD001-5-10

Description

Compact electrodes that can be used with or without gel and can be used multiple times. Can be used with ECG, EEG, EMG & EDA sensors.

Features:

- 1 stud connector
- Plastic rim to increase fixation area (use is optional)
- Diameter: 10mm
- Thickness: 2mm
- Core: Ag/AgCl coated polymer

Optional materials:

- [Ten20 conductive paste](#)
- [Nuprep skin preparation gel](#)

Non-gelled reusable Ag/AgCl with Velcro (pack of 2 electrodes)



Reference: EL-DRY-VELCRO-2

Description

Compact electrodes fitted with a convenient velcro strap for easier application around the fingers, and that can be used multiple times with or without gel. Can be used with ECG, EEG, EMG & EDA sensors.

Features:

- 1 stud connector
- Velcro wrap-around strap
- Diameter: 5mm
- Thickness: 2mm
- Core: Ag/AgCl coated polymer

Optional materials:

- [Ten20 conductive paste](#)
- [Nuprep skin preparation gel](#)

Gelled Self-Adhesive Disposable Ag/AgCl Triode (pack of 12 electrodes)



Reference: EL-GEL-TRIODE-12

Description

Pre-gelled and self-adhesive disposable triode electrode for localised ECG or EMG data acquisition (may also be applicable to some EEG setups).

Features:

- 3 independent stud connectors
- 20mm inter-electrode spacing
- Pre-cut foam
- Diameter: 50mm
- Thickness: 1mm
- Core: Ag/AgCl coated polymer

Optional materials:

- [Nuprep skin preparation gel](#)

Conductive Lycra



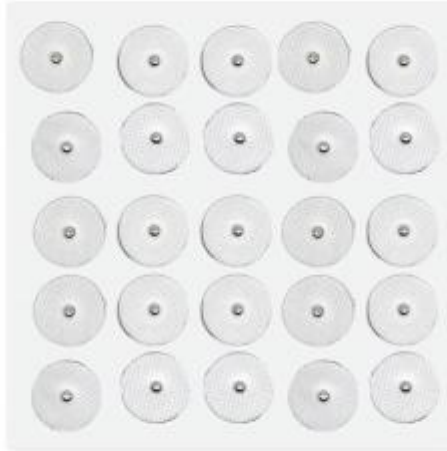
Reference: ACCELECTLYCR001-25-25

Description

This material looks and feels like ordinary lycra but its highly conductive, thus working as an electrode and being applicable (e.g.) to prototyping of wearable devices.

Features:

- 1 stud connector to facilitate connection to the sensors via the electrode cables
- Can be trimmed and cut to your desired length
- Resistance changes when stretched or relaxed
- Suitable alternative to gelled electrodes for applications where usability is important
- Dimensions: 25x25mm (other sizes available)

Gelled Self-adhesive Reusable Electrodes Ag/AgCl (pack of 25 electrodes)

Reference: EL-GEL-REUSABLE-22-25

Description

Pre-gelled and self-adhesive electrodes that can be repositioned and used multiple times without significant degradation to the adhesive.

Features:

- 1 stud connector
- Self-adhesive
- Diameter: 22mm
- Thickness: 1mm
- Core: Ag/AgCl coated polymer
- Gel: Conductive and adhesive hydrogel

Optional materials:

- [Nuprep skin preparation gel](#)

Electrode Gels

Nuprep Sking Preparation Gel



Reference: ACC-GEL-NUPREP

Description

Specialty gel with mild abrasive to clean and reduce the impedance of the skin before applying the electrodes.

Features:

- Stand-up tube
- Flip-top cap
- Net weight: 114g
- Ingredients: Water, Aluminium Oxide, 1,2 Propanediol, Sodium Polyacrylate, Methylparaben, Propylparaben, FD&C Blue 1, FD&C Red 40, FD&C Yellow 5

Ten20 Conductive Paste



Reference: ACC-EEG-TEN20

Description

Conductive and adhesive paste for EEG data acquisition (also applicable to EMG/ECG/EDA when using non-gelled electrodes).

Features:

- Stand-up tube
- Flip-top cap
- Net weight: 114g
- Ingredients: Polyoxethylene 20 Cetyl Ether, Water, Glycerin, Calcium Carbonate, 1,2 Propanediol, Potassium Chloride, Gelwhite, Sodium Chloride, Polyoxyethylene 20 Sorbitol, Mythylparaben, Propylparaben

Internal Memory

8GB Internal Memory Upgrade for biosignalsplux



Reference: ACC-GEL-NUPREP

Description

8GB internal memory for biosignalsplux Explorer and biosignalsplux Researcher kits for scheduled offline acquisitions. Capacity to store up to 111h of offline acquired data.

Features:

- 8GB internal memory
- Enables scheduling features and offline acquisitions with biosignalsplux devices
- Capacity to store up to 111h of data