

ELECTRODE ACCESSORIES & GELS



ABRASIVE PADS

Before applying electrodes, abrade the skin lightly with an ELPAD (above left) to remove non-conductive skin cells and sensitize skin for optimal adhesion. Each ELPAD package contains 10 abrasive pads.

ADHESIVE

Use adhesive tape for attaching Active Electrodes and other devices. Use the preferred tape or BIOPAC's adhesive tape: **TAPE1** single-sided; **TAPE2** double-sided. (Above center)

ADHESIVE DISKS

Two-sided adhesive collars hold reusable electrodes in place. (Above right)

ADD204 19 mm outside diameter, use with EL254 and EL254S

ADD208 22 mm outside diameter, use with EL258 and EL258S

ELECTRODE GELS

GEL1 & GEL100 Non-irritating, hypo-allergenic gel used as a conductant with the EL250 series reusable electrodes. GEL1 = 50 g; GEL100 = 250 g

GEL101 Non-irritating, isotonic gel is primarily used as a conductant for the TSD203 electrodermal response electrodes. Each tube contains 114 g (~4 ounces).

GEL101 is 0.5% Saline in a neutral base and is the appropriate GEL to use for GSR, EDA, EDR, SCR, and SCL. This electrode paste has an approximate molarity of 0.05M NaCl and is 0.5% Saline; the Saline concentration is adjusted to obtain a final paste molarity of 0.05M NaCl. This particular molarity is in line with the recommendation made by Fowles (1981). *Psychophysiology*, 18, 232-239

GEL102 Ten20 Conductive Gel 114 g (~4 ounces). This gel is abrasive and should be used with care not to overabrade the skin. It is not recommended for use with current inducing electrodes, such as defibrillator or neuro-stimulating equipment. Not to be used on patients with a history of skin allergies to cosmetics and lotions. Topical use only.

- ECG: Apply gel to entire electrode site with gauze pad. Rub into skin lightly. Rub off excess with clean gauze pad. Apply proper electrode gel and electrode.
- EEG: Apply gel to electrode site on scalp with cotton swab. Rub lightly. Apply electrode paste and electrode over the gel. Wash skin promptly after use.

GEL103 Tensive Adhesive Gel, 33 ml. Conductive adhesive gel. This safe, non-flammable, odorless gel is recommended for TENS, EMG, EEG, and similar protocols.

- Eliminates tape and tape irritation
- Conductive immediately, no need to wait
- Non-flammable, no solvent odor
- Best adhesive gel available
- Hypoallergenic, bacteriostatic, non-irritating
- Water soluble, easily removed with water

GEL104

Electrode Gel - salt free - 250 g (8.5 oz). **SPECTRA 360®** electrode gel. The only salt-free and chloride-free electrically conductive gel, recommended for all electromedical procedures. Salt-free characteristics make it particularly suitable for long-term applications. Spectra 360 differs significantly from all other electrically conductive media...it works by wetting the skin, thereby reducing skin resistance.

- Salt-free, no sodium ion transfer
- Non-irritating, hypoallergenic, bacteriostatic
- Product of choice for conductive rubber/carbon electrodes
- Product of choice for ECG and TENS
- Non-gritty STAY-WET® formula allows for prolonged use without re-application

COBAN WRAP

Self-adhesive Coban™ wrap can be used to hold electrodes, VMG transducers and fNIR sensors on a subject.



- 4 inch x 5 yard (fully stretched) (100 mm x 4.5 m)
- Latex free self-adherent wrap
- Nonsterile
- Tan

BSL-ACCPACK

The BSL Accessory Pack includes the consumable items to run 16 BSL Lessons.

Make students accountable for their own lab equipment and reduce the burden on department budgets. School bookstores can purchase the BSL Accessory Packs and sell them to students. Includes:

- 60 x EL503 Disposable Electrodes
- 10 x EL507 Disposable EDA (GSR) Electrodes (ten electrodes total)
- 1 x AFT1 Disposable Bacterial Filter
- 1 x AFT2 Disposable Mouthpiece
- 1 x AFT3 Noseclip
- 8 x ELPAD Abrasive Pads

