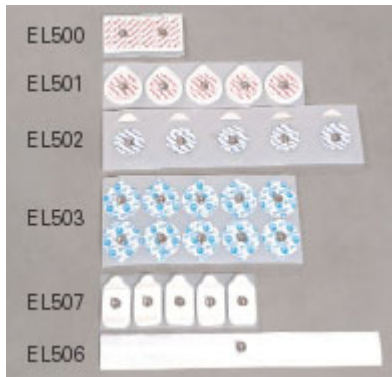


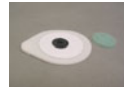
**EL500 SERIES      DISPOSABLE ELECTRODES**



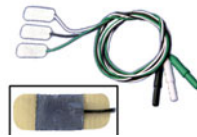
EL504



EL508




EL509



EL510

The EL500 Series snap electrodes provide the same signal transmission as BIOPAC's reusable electrodes, with added convenience and hygiene. Each peel-and-stick electrode is pre-gelled and designed for one use only. Use disposable snap electrodes with BIOPAC's SS2L electrode lead set.

Part	Ag-AgCl Adhesive/Disposable Electrode Type
EL500	Paired electrodes: Use for general-purpose EMG measurements, nerve conduction measurements, and cardiac output. 41mm spacing (center to center) on 4mm x 82mm x 1.5mm foam
EL501	Small stress test electrodes: Use for short-term recordings where the subject may be in motion or when electrodes should be closely placed, as for multi-channel ECG, EGG, EMG or EOG. 38mm diameter mounted on 1.5mm thick foam with strong adhesive
EL502	Small pre-gelled electrodes Most appropriate for long-term biopotential measurement recording sessions, these pre-gelled electrodes have a 10 mm contact area on a 41mm (dia) backing that resists moisture. The electrodes include a hypoallergenic adhesive solid gel that adheres well to the skin but leaves no residue when removed.
EL503 <b>General-purpose electrode</b>	Ag-AgCl Adhesive/Disposable Electrode, 35mm diameter vinyl tape, 10 mm contact area, gel. These economical, pre-gelled electrodes are most suitable for short-term recordings. These electrodes have a 10 mm contact area on a 41mm (dia) backing that allows close electrode placement where necessary, with a slightly less firm adhesive for "ouchless" removal. The electrodes incorporate hypoallergenic liquid gel and are high chloride for quick, accurate readings.
EL504	Cloth base, 2.5 cm square electrodes. Particularly useful for applications on non-conforming surfaces, such as the face for EMG or fingers for nerve conduction studies.  The adhesive solid gel ensures good contact, and the silver-silver chloride (Ag-AgCl) electrodes provide accurate and clear transmission of surface biopotentials. Use these comfortable and conforming electrodes in EMG, nerve conduction, ECG, sleep studies, exercise physiology, etc. The latex-free, hypoallergenic electrode adheres well and is repositionable and suitable for long term use without irritation.

<p><b>EL506</b></p> <p><b>Alternative for band electrodes</b></p>	<p>This unique disposable strip electrode is designed for bioimpedance applications. The electrode is silver laminated on medical grade cloth, with industry-standard medical grade adhesive, medium tackiness. The silver-silver chloride (Ag-AgCl) electrode provides accurate and clear transmission of surface biopotentials and is latex free.</p> <p>Strip length: 254mm        Conductive element width: 6.35mm        Adhesive width: 23.5mm</p> <p><u>Advantages of the Strip Electrode:</u></p> <ul style="list-style-type: none"> <li>• Combines the convenience of standard snap (spot) electrodes with the signal to noise, equipotential and current diffusion performance of band electrodes</li> <li>• Less obtrusive than band electrodes--easier for subjects to move and breathe</li> <li>• Ergonomic advantages of snap (spot) electrodes</li> <li>• Diffuses currents similarly to band electrodes (reduces current density)</li> <li>• Provides voltage measurements through a well-defined equipotential plane</li> <li>• Adjustable size—cut the 25cm strip to the desired size without affecting signal transmission</li> <li>• Snap lead connection</li> <li>• Peel-and-stick convenience</li> <li>• Disposable</li> </ul>
<p><b>EL507</b></p>	<p>Designed for electrodermal activity studies and are pre-gelled with isotonic gel. The latex-free, MRI-compatible electrodes conform and adhere well.</p> <p>Wet Gel: 0.5% Chloride Salt        Contact area: 1 cm        Size: 2.5 cm x 4.5 cm        Snap: Stainless Steel        Backing: Foam</p>
<p><b>EL508</b></p>	<p>These disposable, MRI-compatible, radiotranslucent electrodes are pre-gelled. Use with LEAD108. <b>See also:</b> MRI Compatibility Notes.</p>
<p><b>EL509</b></p>	<p>These disposable dry electrodes have no shelf-life limitation and are ideal for EDA/GSR applications. EL509 electrodes are MRI-compatible and radiotranslucent as defined by BIOPAC (see MRI Compatibility Notes.) Use with LEAD108 and electrode gel—GEL101 recommended for EDA/GSR.</p> <p>To add gel:</p> <ol style="list-style-type: none"> <li>1. Fill back cavity (adhesive side) with gel.</li> <li>2. Add a drop of gel to the sponge pad.</li> <li>3. Place the sponge pad into the cavity.</li> <li>4. Press firmly to clear air pockets.</li> </ol> <p>Circular contact area diameter: 1 cm        Backing: 25 mm x 44 mm</p> 

**EL510**

EL510 is a disposable RT electrode set of three electrodes with hydrogel centers and hydrocolloid ends that terminate in Touchproof leads. Each box includes 20 sets of 3 electrodes.

- Pre-wired
- Safely secures to limbs without a strap that could reduce circulation.
- Gentle hydrocolloid ends and hydrogel adhesives.
- Long lasting and easy to use, even under high humidity.
- Radiolucent materials allow for x-ray wherever they are positioned
- Latex, phthalate/DEHP, BPA free.



Electrodes are 25 mm x 10 mm with a 10 mm x 10 mm gelled contact area, and the micro-lead cables are 58 cm.