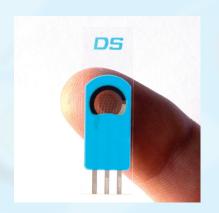






Carbon Optically Transparent Screen-Printed Electrode

Ref. COTE10





Screen-Printed electrodes on a plastic transparent substrate and with a working electrode based on Single Walled Carbon Nanotubes (SWCNTs). This carbon material is deposited by ink-jet process on the substrate accordingly to specific design and dimensions (WE diameter 3.8 mm). This thin layer working electrode provides enough transparency to be considered a Carbon Optically Transparent electrode.

Suitable for working with microvolumes (ref. DRP-COTE10) and ideal for decentralized assays or to develop specific electroanalytical and spectroelectrochemical applications. Useful for undergraduate lab to avoid tedious polishing of solid electrodes.

Plastic substrate: L33 x W10 x H0.175 mm

Electric contacts: Silver

The electrochemical cell consists of:

Working electrode: Transparent Carbon (SWCNT) (3.8 mm diameter)

Counter electrode: Carbon Reference electrode: Silver

Transparent Carbon electrodes are commercialised in 20 units packs. They should be stored at room temperature, protected from light in a dry place.

Also, specific connector (ref. CAC-P) that act as an interface between the screen-printed electrode and any potentiostat is available at *DropSens*.

Related products











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STAT400







