



DropSens Screen-Printed Electrodes on a **plastic transparent substrate** and with a working electrode based on a thin layer gold electrode. This gold material is deposited by sputtering process on the substrate so pure gold is present on the surface of the electrode. Layer thickness is in the order of nanometers and a very flat surface is achieved. This thin layer provides enough transparency to be considered an **Optically Transparent Gold Electrode**. Suitable for working with microvolumes (ref. AUTR10) is ideal for decentralized assays or to develop specific electroanalytical and **spectroelectrochemical applications**. Useful for undergraduate lab to avoid tedious polishing of solid electrodes.

Transparent plastic substrate: L33 x W10 x H0.5 mm

Electric contacts: Silver

The electrochemical cell consists of:

Working electrode: Transparent Gold (4 mm diameter)

Auxiliary electrode: Carbon

Reference electrode: Silver

These **Optically Transparent Gold Electrodes** are commercialised in 20 units pack. They should be stored at room temperature, protected from light in a dry place.

Also, specific **connectors** that act as an interface between the screen-printed electrode and any potentiostat and other accessories are available at **DropSens**.

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