

Optically transparent silver electrode

Ref. AGTR10

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Electrode on a transparent plastic substrate and with a working electrode based on a silver electrode.

The thickness of the layer is in the order of nanometers achieving a very flat surface. This thin layer provides sufficient transparency to be considered an **optically transparent electrode**.

This reference is suitable for working with microvolumes, performing decentralized assays or developing electroanalytical and **spectroelectrochemical applications**. Also, this product is **disposable**, avoiding the tedious polishing of solid electrodes.



The **electrochemical cell** consists on:

- Working electrode: Transparent silver (4mm diameter)
- Auxiliary electrode: Carbon
- Reference electrode: Silver
- Electric contacts: Silver

Product **substrate** information:

- Substrate material: Transparent plastic
- Substrate size; Length: 3,3 cm x Width: 1 cm
- Substrate thickness: 175 microns

AGTR10 electrodes are commercialized in 20 units/pack. These references should be stored at room temperature in a dry place.

The design of this reference and the material used can be customized under your specifications and produced in large quantities upon request.

For more information, please use the following email to get in touch: info.dropsens@metrohm.com

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