

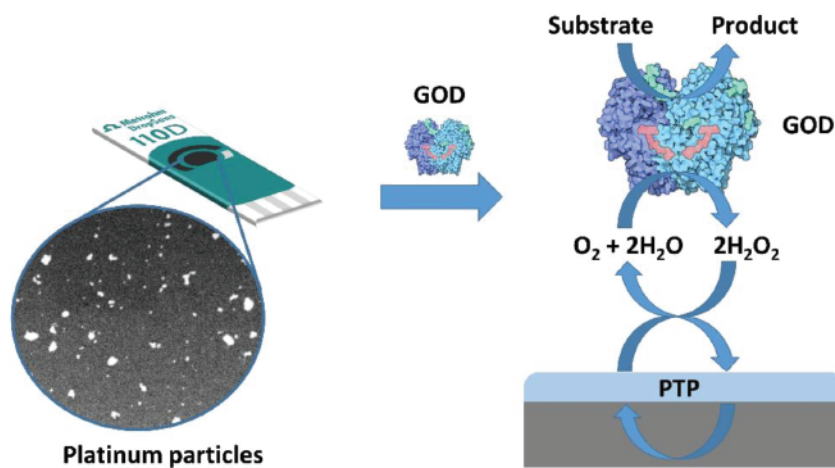
# Screen-Printed Carbon Electrodes modified with Platinum Particles (PTP)

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## Ref. 110PTP

These disposable Screen-Printed Carbon Electrodes (SPCEs) are modified with Platinum particles (PTPs) deposited in the surface of the working electrode.

Platinum particles SPCEs are designed for detecting hydrogen peroxide in enzymatic oxidase based sensors or other applications. A catalytic oxidation of  $\text{H}_2\text{O}_2$  can be determined at low potentials, i.e. +0.1 V, by chronoamperometry or linear sweep voltammetry.



Ceramic substrate: L34 x W10 x H0.5 mm

Electric contacts: Silver

The electrochemical cell consists on:

Working electrode: Carbon/Platinum Particles (4 mm diameter)

Auxiliary electrode: Carbon

Reference electrode: Silver

110PTP Screen-Printed Electrodes are commercialized in 50 units packs. The sensors should be stored at room temperature in a dry place.

[www.metrohm-dropsens.com](http://www.metrohm-dropsens.com)