

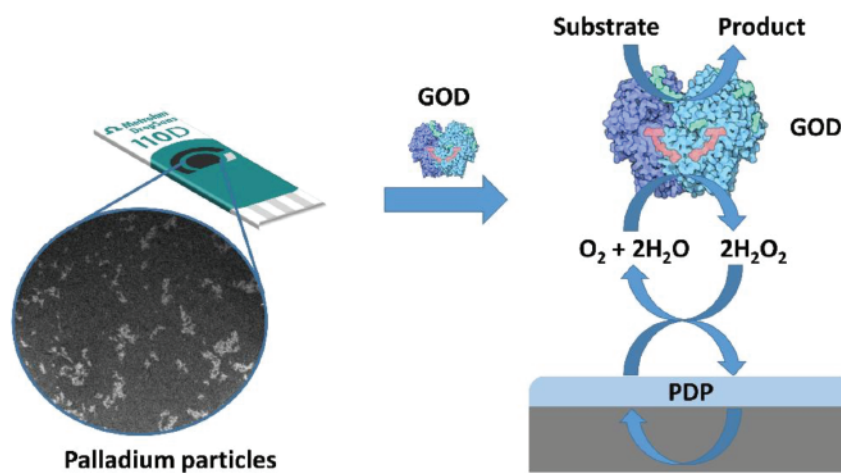
# Screen-Printed Carbon Electrodes modified with Palladium Particles (PDP)

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## Ref. 110PDP

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

Palladium particles SPCEs are designed for detecting hydrogen peroxide in enzymatic oxidase based sensors. A catalytic oxidation of  $H_2O_2$  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/Palladium Particles (4 mm diameter)

Auxiliary electrode: Carbon

Reference electrode: Silver

110PDP 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)