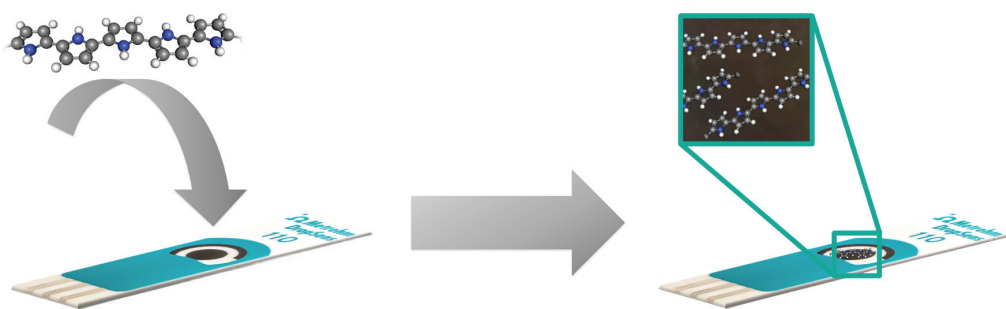


# Screen-Printed Carbon Electrodes modified with Polypyrrole (PPYR)

## Ref. 110PPYR

These disposable Screen-Printed Carbon Electrodes (SPCEs) are modified with Polypyrrole (PPYR) by electropolymerization of its monomer.

Polypyrrole SPCEs are designed for increasing the sensitivity, by inhibition of the hydrogen evolution reaction. Furthermore it has great properties for developing sensors for ammonia gas, biological molecules, detection of pollutants, anions detection, etc.



Ceramic substrate:  $L34 \times W10 \times H0.5 \text{ mm}$

Electric contacts: *Silver*

The electrochemical cell consists on:

*Working electrode:* Carbon/Polypyrrole (4 mm diameter)

*Auxiliary electrode:* Carbon

*Reference electrode:* Silver

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

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