

# Potentiometric sensor for pH sensing

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## Ref. 110HION

These disposable Screen-Printed Carbon Electrodes (SPCEs) are modified with a hydrogen ionophore in the working electrode. They are designed for detecting protons making possible pH monitoring since the potential can be easily correlated with the pH of the solution. Recommended for working with microvolumes and are ideal for decentralized and 'in situ' assays.



Ceramic substrate: L34 x W10 x H0.5 mm

Electric contacts: Silver

The electrochemical cell consists on:

Working electrode: Carbon / Hydrogen ionophore (4 mm diameter)

Auxiliary electrode: Carbon

Reference electrode: Silver

These sensors are commercialised in 50 units pack. They should be stored at room temperature, protected from light in a dry place.

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