

Potentiometric sensor for potassium detection

01

Ref. 110KION

These disposable Screen-Printed Carbon Electrodes (SPCEs) are modified with a potassium ionophore in the working electrode. They are designed to measure potassium ion by open circuit potentiometry (OCP) in a range of concentration from 10^{-6} to 1 M (from 0.039 to 39000 ppm).

These potassium sensors are 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 / Potassium ionophore (4 mm diameter)

Auxiliary electrode: Carbon

Reference electrode: Silver

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

www.metrohm-dropsens.com