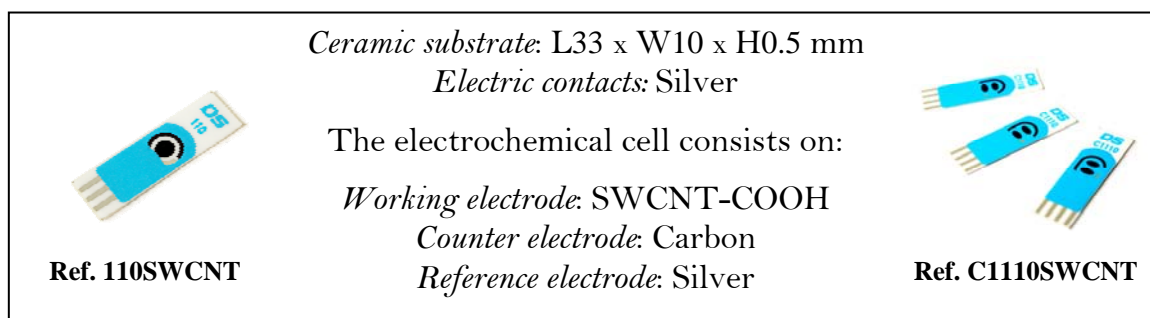


SWCNT-COOH Screen-Printed Carbon Electrodes

(ref. 110SWCNT and C1110SWCNT)

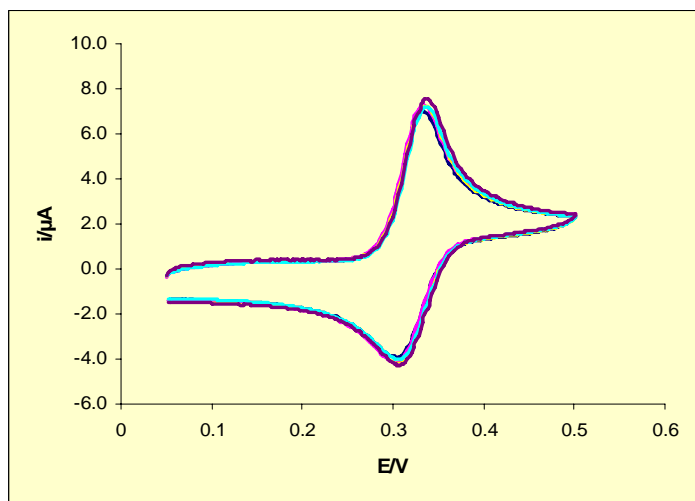
DropSens launches Screen-Printed Carbon Electrodes (SPCEs) modified with Carboxyl functionalised Single-Walled Carbon Nanotubes (SWCNT-COOH)

SWCNT-COOH SPCEs are designed for the development of (bio)sensors with an enhanced electrochemical active area and enhanced electronic transfer properties



SWCNT-COOH SPCEs are commercialised in 50 units packs. Store at room temperature in a dry place.

Electrochemical behaviour of SWCNT-COOH SPCEs for some benchmark redox systems

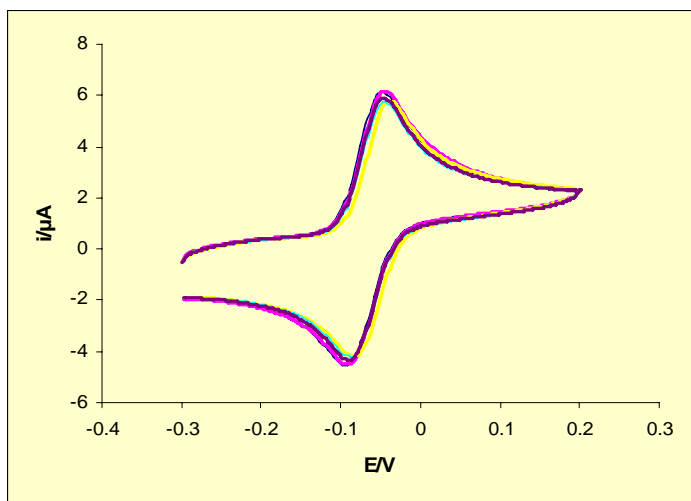


Cyclic voltammograms of $1 \cdot 10^{-4}$ M dopamine in 0.01 M

HCl electrolyte solution at 50 mV/s.

$n = 5$ (different 110SWCNT electrodes)

RSD% = 4%



Cyclic voltammograms of $1 \cdot 10^{-4}$ M hydroquinone in

0.1 M acetate buffer solution pH 5.0 at 50 mV/s.

$n = 5$ (different 110SWCNT electrodes)

RSD% = 5%