

Single-Walled Carbon Nanotubes modified Screen-Printed Carbon Electrodes

Refs. 110SWCNT
X1110SWCNT

Single-Walled Carbon
Nanotubes modified
Screen-Printed
Carbon Electrode
Ref. 110SWCNT



Single-Walled Carbon
Nanotubes modified
Dual Screen-Printed
Carbon Electrode
Ref. X1110SWCNT

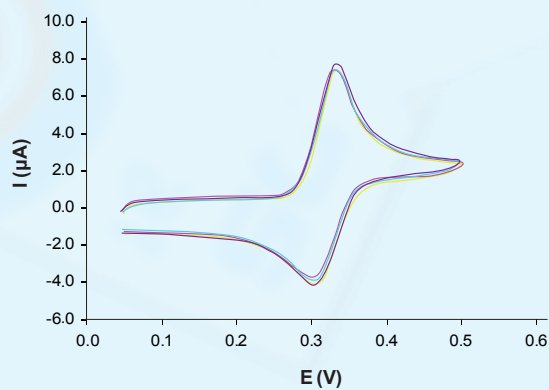


These disposable **Screen-Printed Carbon Electrodes (SPCEs)** modified with **Carboxyl functionalised Single-Walled Carbon Nanotubes (SWCNT-COOH)** are designed for the development of (bio)sensors with an enhanced electrochemical active area and enhanced electronic transfer properties.

Ceramic substrate: L33 x W10 x H0.5 mm
Electric contacts: Silver

The electrochemical cell consists on:
Working electrode(s): SWCNT-COOH / Carbon
Auxiliary electrode: Carbon
Reference electrode: Silver

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



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%**

Also, specific **connectors** that act as an interface between the screen-printed electrode and any potentiostat (ref. DSC, CAC) and other accessories are available at **DropSens**.

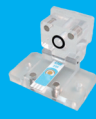
Related products



DSC



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Full Catalogue



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