Graphene modified Screen-Printed Electrodes

(ref. 110GPH and ref. C1110GPH)

DropSens launches Screen-Printed Carbon Electrodes (SPCEs) modified with Graphene as a carbon based nanomaterial.

Graphene SPCEs are designed for the development of (bio) sensors with an enhanced electrochemical active area.

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

The electrochemical cell consists on:

Working electrode: Graphene
Counter electrode: Carbon
Reference electrode: Silver

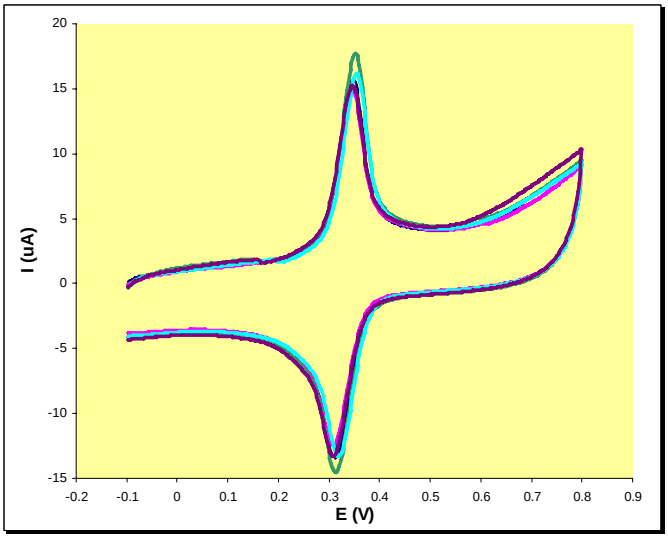
ref. 110GPH

ref. C1110GPH

Graphene SPCEs are commercialised in 50 units packs.

Store at room temperature in a dry place.

Electrochemical behaviour of Graphene SPCEs for a benchmark redox system



Cyclic voltammograms of $1 \cdot 10^{-4}$M Dopamine in 0.01M HCl at 50 mV/s.

Samples = 5 Graphene SPCEs (ref. DRP-110GPH).

RSD% = 5%

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