These disposable Screen-Printed Carbon Electrodes (SPCEs) modified with Graphene (GPH) as a carbon based nanomaterial 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(s): GPH / Carbon
Auxiliary electrode: Carbon
Reference electrode: Silver

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

Cyclic voltammograms of 1·10⁻⁴ M Dopamine in 0.01M HCl at 50 mV/s. Samples = 5
Graphene SPCEs (ref. DRP-110GPH). RSD% = 5%

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

110GPHOX
DSC
CAC
FLWCL
CELL
STAT400