

## Graphene modified Screen-Printed Carbon Electrodes

Refs. 110GPH  
X1110GPH

Graphene modified  
Screen-Printed  
Carbon Electrode  
Ref. 110GPH



Graphene modified  
Dual Screen-Printed  
Carbon Electrode  
Ref. X1110GPH



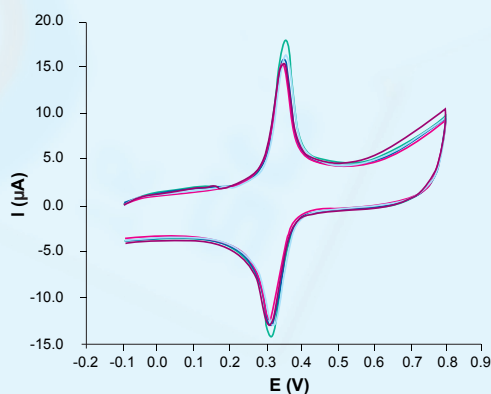
These disposable **Screen-Printed Carbon Electrodes** (SPCEs) modified with **Graphene (GPH)** as a carbon based nanomaterial are designed for the development of (bio) sensors with an enhanced electrochemical active area.

*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  $1 \cdot 10^{-4}$  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

Full Catalogue



Parque Tecnológico de Asturias - Edif. CEEI. 33428 LLanera (Asturias). Spain  
(+34) 985 27 76 85 - info@dropsens.com - www.dropsens.com

Contact Form

