



Datasheet

Gii-Sens[®]

Gii-Sens brings the power of Gii into a ready-to-use electrode that enables faster, more accurate assay and sensor development.

Gii-Sens™

Product Description

Gii-Sens Pure Porous 3D Carbon (Gii) based sensors manufactured by iGii's proprietary technology. They exhibit enhanced electrochemical performance when compared to other carbon-based electrode materials.

Product Handling and Storage

- Gii-Sens are single-use, unmodified Gii, disposable sensors
- Store at room temperature in dry conditions
- Always ensure the container box provided is properly closed and kept out of direct daylight
- Avoid bending and contact with Gii surfaces



Gii-Sens Materials

Working Electrode

Gii (4 mm diameter)

Counter Electrode

Gii

Reference Electrode

Screen Printed Ag/AgCl

Connections

Screen Printed Ag
(2.54 mm pitch)

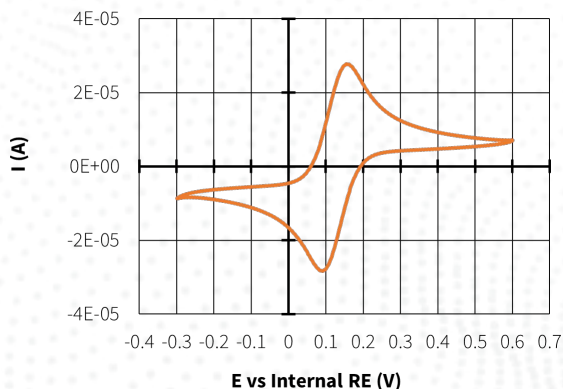
Substrate

Polyamide
(0.125 mm thick)

Quality Control

Results in 1 mM Ferri/Ferrocyanide in 0.1 M Strontium Nitrate. N=5, CV%=5%.

Cyclic Voltammograms @ 25 mV/s



Nyquist Plot

