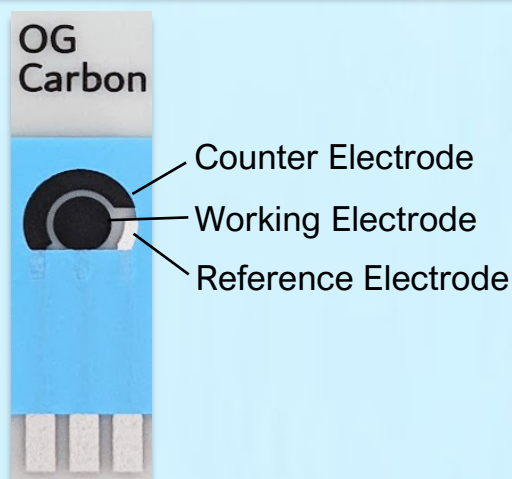


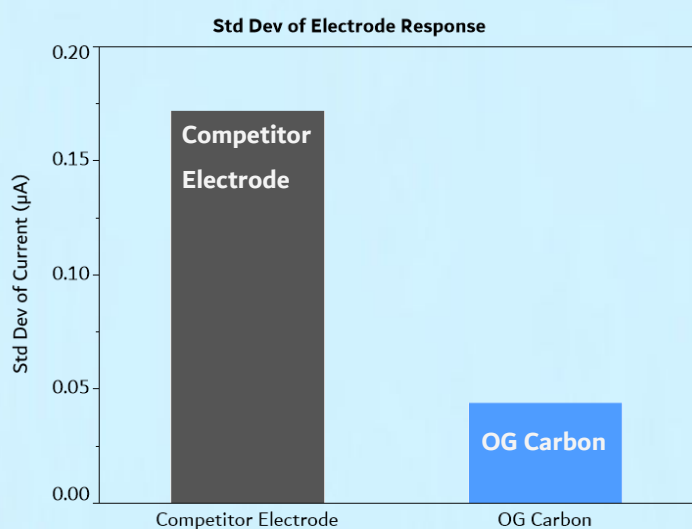
OG Carbon

Screen-Printed Carbon Electrodes

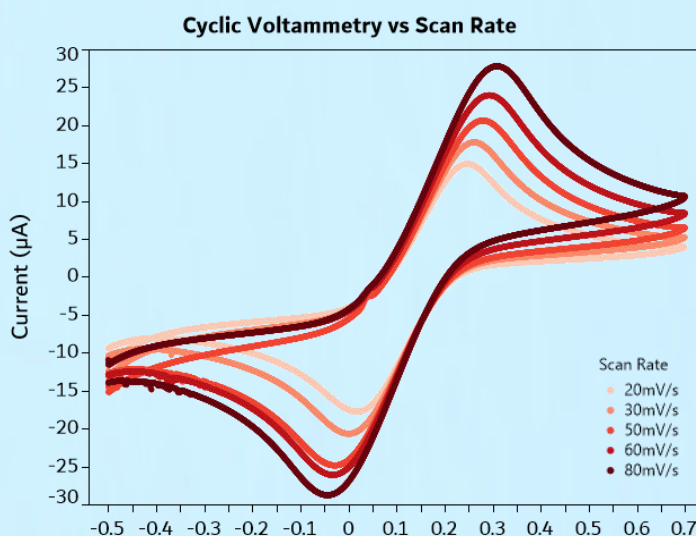


OG Carbon **screen-printed carbon electrodes** (SPCEs) are low cost, disposable & of high quality. They are perfect for biosensor research, quality control systems and teaching of electrochemistry.

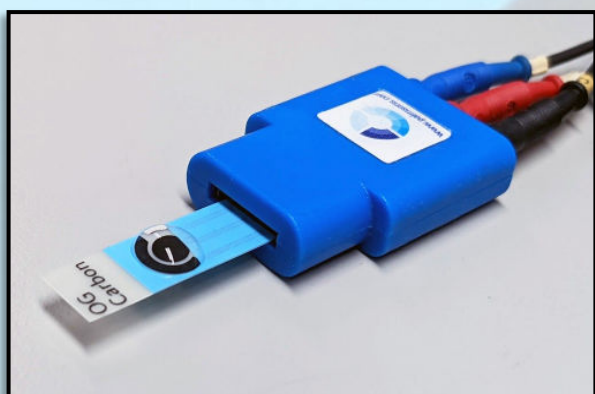
- Working and counter electrodes made of thermo/chemical resistant **carbon/graphite**
- Reference electrode made of highly conductive **Ag|AgCl** and connectors made of **Ag**
- Printed on **PET** substrate (L33 x W10 x H0.25 mm)
- 4 mm working electrode diameter



Standard deviation of 5 OG Carbon electrodes and 5 competitor SPCEs. Current is the integrated chronoamperometry at -200mV



Cyclic voltammetry of OG Carbon electrode at a range of scan rates in $\text{Fe}(\text{CN})_6^{3-/4-}$



- **Compatible** with most commercially available connectors
- Designed to be used with **microlitre** sample volumes
- **Large counter electrode** ensures electron transfer process is not limited at working electrode
- Bespoke **electrode modification** and **functionalisation** available on request

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