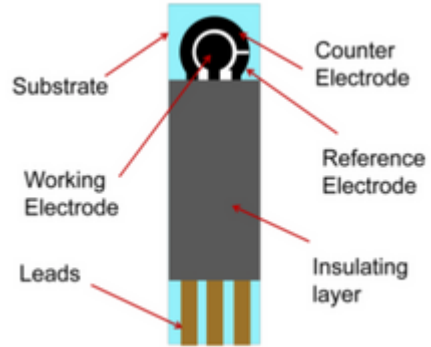




## Screen Printed Electrode (SPE) based Electrochemical Sensor

*New highly sensitive flexible screen printed electrode (SPE) designed and developed for possible applications in chemical, biological and environmental species detection. The electrodes were screen-printed on a flexible polyester film using conducting inks.*



### Specification

Size of SPE	45mm by 11mm, 200µm thick
Working Electrode	4mm diameter
Working Electrode	Carbon
Counter Electrode	Carbon
Reference Electrode	Silver/Silver Chloride
Support Material	Flexible Polyester Film
Ideal for Working	50µl sample



**Screen Printed Electrode**

### Application

*Electrolysis*

*Detection of redox*

*Chemical analyte detection\**

*e.g. Heavy metals in food and beverages, drinking water etc.*

*Bio-molecular species detection\**

*e.g. antigen, antibody, DNA detection in pathological lab*

*\*with some modification of the electrode surface by specific receptor*

**ants**

passion to create

+91 86000 33151

sales@antsinnovations.com

www.antsprosys.com