

Technical Datasheet: Flexible circular screen-printed electrode sensors/biosensors

Product description

The Z&P sensors provide a quick and accurate way of determining concentrations of bio-relevant molecules. They can be delivered with chemically modified surfaces for plug-and-play chemical monitoring, or they can serve as a robust architecture for your research team's specific chemical modification. Their screen-printed nature allows for a wide selection of electrode materials and excellent reproducibility. The dimensions of the economy sensors provide a platform which lowers manufacturing costs while maintaining a handleable format. The third electrode double as counter or fill electrode, depending on the application.



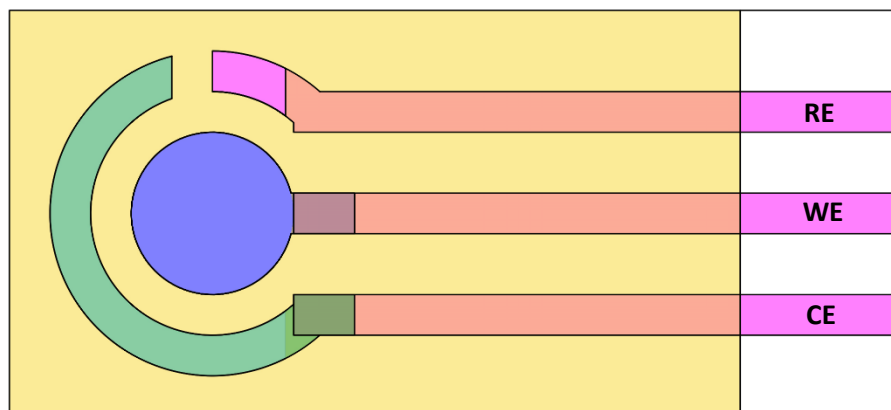
Key features

- Reusable
- Flexible
- High sensitivity
- Quick response
- Wide range of analytes (with the option of custom made)
- A variety of electrode configurations
- Different electrode materials
- Different electrode geometries
- Compatible with 2.54mm pitch edge connectors

SPECIFICATIONS

Mechanical dimensions

L = 22 mm, W = 10 mm, 0.2 mm



Dimensions of circular SPE sensor. All dimensions are in millimetres

Storage Conditions

Temperature
Lighting
Physical protection
Expiration
Humidity

Bare electrodes

Room temperature
Away from light
In container
Use within 2 years
50% RH \pm 20% RH