

# Second generation screen-printed carbon electrodes

01

## MEDIATOR-BASED SENSORS

### Ref. 110FERRI

These modified screen-printed carbon electrodes are designed to develop second-generation enzyme-based sensors. They are disposable.

#### Specifications by modification:

#### 110FERRI

##### Potassium ferricyanide modified SPCEs

- *Working electrode:* potassium ferricyanide/carbon
- *Auxiliary electrode:* carbon
- *Reference electrode:* silver
- *Pack includes:* 75 units
- *Possible applications:* enzymatic biosensors
- *Additional info:* the detection pathway is achieved by oxidation/reduction of the mediator

- All these references are also available in **single, dual, 4W, 8W** and **96X** formats:



Format: single  
Ceramic substrate  
Dimensions: L 33 x W 10 x H 0.5 mm  
Electric contacts: silver



Format: dual  
Ceramic substrate  
Dimensions: L 33 x W 10 x H 0.5 mm  
Electric contacts: silver



Format: 4W  
Ceramic substrate  
Dimensions: L 38 x W 20 x H 1 mm  
Electric contacts: silver



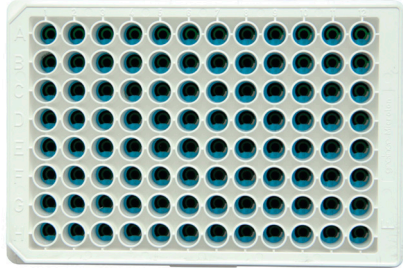
Format: 8W  
Ceramic substrate  
Dimensions: L 50 x W 27 x H 1 mm  
Electric contacts: silver

[www.metrohm-dropsens.com](http://www.metrohm-dropsens.com)

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DropSens

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Format: 96X  
PCB substrate and ELISA plate in plastic  
Dimensions: L 74 x W 110 x H 0.5 mm  
Electric contacts: silver

- The sensors should be stored at room temperature protected from light in a dry place.
- These electrode designs and materials can be **customized** under your specifications and produced in **large volume** quantities upon request. For more information contact at: [info.dropsens@metrohm.com](mailto:info.dropsens@metrohm.com)

[www.metrohm-dropsens.com](http://www.metrohm-dropsens.com)