

DROPSSENS

Bismuth Oxide modified screen-printed carbon electrode

(W.: $\text{Bi}_2\text{O}_3/\text{C}$; Aux.: C; Ref.: Ag/AgCl)

(Ref. DRP-114BI)

DropSens launches Screen-Printed Carbon Electrodes (SPCEs) modified with Bismuth (III) Oxide (Bi_2O_3)

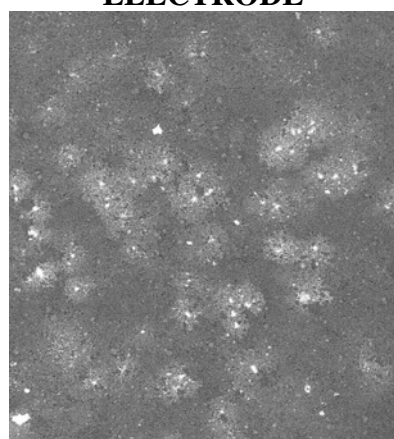
These disposable **carbon electrodes modified with bismuth (III) oxide (ref. DRP-114BI)** are ideal for the environmental friendly determination of heavy metals at ppb levels.

Useful for research labs to avoid mercury based electrodes.

Ceramic substrate: L33 x W10 x H0.5 mm

Electric contacts: Silver

SEM IMAGE OF WORKING ELECTRODE



1 mm

The electrochemical cell consists of: *Working electrode:* Bismuth (III) Oxide / Carbon (4 mm diameter)

Counter electrode: Carbon

Reference electrode: Silver / Silver Chloride

Also, two specific **connectors** that act as an interface between the screen-printed electrode and any potentiostat are available at *DropSens*.

Ref. DSC



Ref. CAC

