

DROPSSENS

Screen-Printed Gold Electrodes

(refs. 220AT, 220BT, C223AT, C223BT, C220AT and C220BT)

Disposable **Gold Electrodes** are ideal for working with microvolumes, (refs. 220AT, 220BT, C223AT, C223BT) or by dipping them in solution (refs. C220AT, C220BT).

Suitable for decentralized assays or to develop specific (bio)sensors.

Useful for undergraduate lab to avoid tedious polishing of solid electrodes.

<p>The electrochemical cell consists on:</p> <p><i>Working electrode:</i> Gold</p> <p><i>Counter electrode:</i> Gold</p> <p><i>Reference electrode:</i> Silver</p>	<p><i>Ceramic substrate:</i> L33 x W10 x H0.5 mm</p> <p><i>Electric contacts:</i> Silver</p>
--	--



220AT
High temperature curing ink, WE 4mm



C223AT
High temperature curing ink, WE 1,6mm



C220AT
High temperature curing ink, WE 4mm. Work in solution



220BT
Low temperature curing ink, WE 4mm



C223BT
Low temperature curing ink, WE 1,6mm



C220BT
Low temperature curing ink, WE 4mm. Work in solution

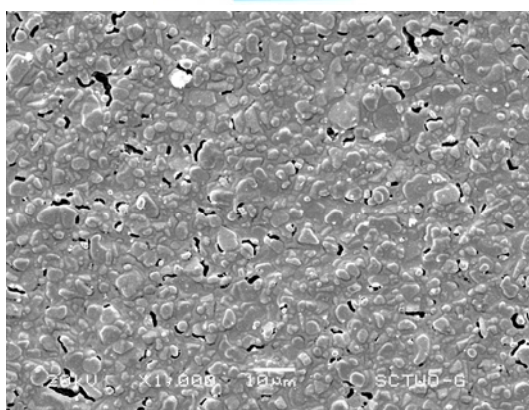
Electrodes screen-printed with high (AT) and low (BT) temperature curing inks which may have different properties depending on the application. Working electrode is available in two sizes: 4 mm or 1,6 mm diameter.

C220AT and **C220BT** are specifically designed to work in solution by entirely immersing sensing area.

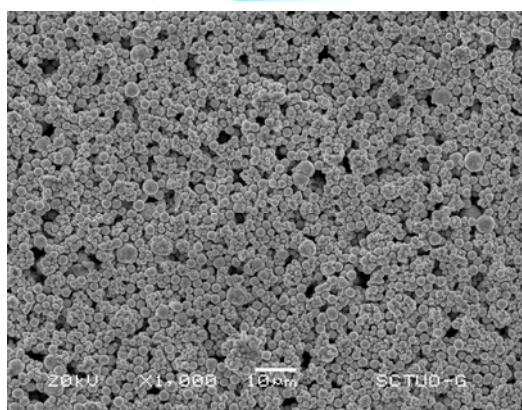


SEM images of working electrode

AT Models



BT Models



Screen-Printed Gold Electrodes are commercialised in 75 units packs. They should be stored in the dark at room temperature in a dry place.

Also, two specific **connectors** that act as an interface between the screen-printed electrode and any potentiostat are available at [DropSens](https://dropsens.com).

ref. DSC



ref. CAC

