

Spectroelectrochemical cell for bulk electrolysis

Ref. PTGRID-TRANSCCELL

SpectroElectroChemistry combines spectral measurements while at the same time oxidation states are changed electrochemically. Thanks to this spectroelectrochemical cell, bulk electrolysis can be easily carried out while optical transmission measurements (optical path of 1 mm) are acquired on the solution close to the electrode.



The cell includes also the platinum grid working electrode, the platinum counter and a silver/silver chloride reference electrode.

The platinum grid of the Working Electrode allows bulk electrolysis of the solution contained in the cell, making this cell suitable for end point measurements. A Teflon® cap is included in the cell to easily insert the electrodes in the cuvette. Quartz cuvette (1 x 1 cm) for spectroscopic tests can be used with conventional spectrometers and cuvette holders.

This cell is the perfect accessory to be used with the SPELEC equipment as an alternative to spectroelectrochemical cells using Screen-Printed Electrodes.

www.metrohm-dropsens.com