

### **Bulk electrolysis cell**

Bulk electrolysis cell is designed for a complete electrolysis of solution substance. The typical use is quantitative analysis of electron transfer per molecule, measurement of absolute quantity of the analyte, or the electrosynthesis of a new material (commonly in mg quantity).

The cell structured from a reticulated vitreous carbon electrode, a platinum counter electrode with a fritted glass isolation chamber and a Ag/AgCl reference electrode. The units are used with 100 ml glass cell vial, a Teflon cap, a gas purge tube and a CV working electrode (optional part). The CV electrode is used for detecting the electrolysis level. Cover with the port plug when not occupied. Gas purge tube and stirrer bars were included, but water-jacketed cell vial can be ordered separately. Platinum mesh electrode also available for special order.

### **Specifications:**

- Glass cell capacity: 100ml  
Working electrode: Reticulated vitreous carbon with 95% porosity  
Size: Approx 30(internal dia) X 40(outer dia) X50(Height) mm  
Counter electrode: 23cm coiled platinum electrode  
Option  
Reference electrode: You can select proper reference electrodes of our products

Catalog No.	Product name
001197	bulk electrolysis cell
<<items>>	
001195	100 ml glass cell
010530	porous carbon electrode
002234	Pt counter electrode 23 cm
001196	Counter electrode chamber
001198	counter electrode cap
010248	<b>RE-1B Silver-Silver chloride reference electrode</b>
001236	O-ring for counter electrode
009131	port plug
000178	stirrer bar
001199	Teflon cap

