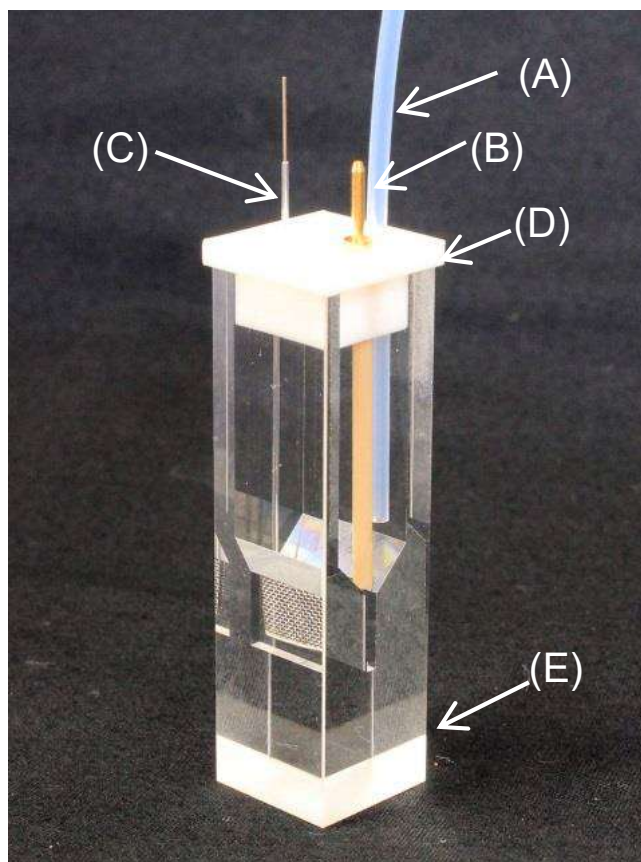
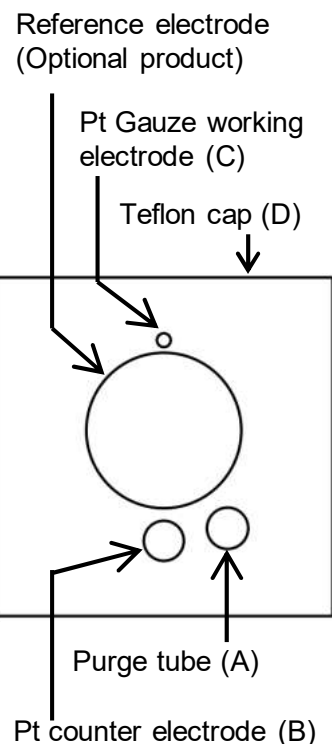


# 013716 SEC-CT Thin Layer Quartz Glass Spectroelectrochemical cell kit (Pt)

## 1. Contents



[ Schematic diagram  
of Teflon cap (D) ]



- (A) Purge tube (ETFE) 10 cm
- (B) SEC-C/C05 Pt counter electrode
- (C) SEC-C Pt Gauze working electrode
- (D) SEC-C Teflon cap
- (E) SEC-CT Thin Layer Quartz Glass cell

## 2. Assembly

- (1) In advance, insert a Pt Gauze working electrode(C) into the specified hole of a Teflon cap(D) from the back side.
- (2) Attach the Teflon cap(D) to a quartz glass cell(E) while adjusting the gauze part of the Pt Gauze working electrode(C) to 1 mm optical path length. At this time, be careful not to bend the Pt Gauze working electrode(C).
- (3) Subsequently, attach the Pt counter electrode(B) and, if necessary, a purge tube(A) to the predetermined holes, respectively.
- (4) Inject the sample solution through the hole for the reference electrode until the tip of the reference electrode is immersed (minimum 220  $\mu\text{L}$ ). Be careful not to leave bubbles on each electrode.
- (5) Insert the reference electrode into the specified hole. Be careful not to leave bubbles at the liquid junction of the electrode.
- (6) Attach the quartz glass cell(E) to the cuvette holder, wire the electrodes, and connect to the purge tube(A) as necessary.

## 3. Caution

- (1) The welded part of the Pt Gauze working electrode(C) is easily damaged, so be careful not to bend.
- (2) Be careful not to contact the Pt Gauze working electrode(C) with the Pt counter electrode(B).



## Optional products;

- 012167 RE-1B Reference electrode (Ag/AgCl)**
- 013613 RE-1BP Reference electrode (Ag/AgCl)**
- 013691 RE-1CP Reference electrode (Ag/AgCl/Saturated KCl)**
- 013693 RE-2BP Calomel Reference electrode**
- 012171 RE-7 Non Aqueous reference electrode (Ag/Ag+)**

Please check our website for further information and product options.  
<https://www.als-japan.com/1353.html>

BAS Inc.

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