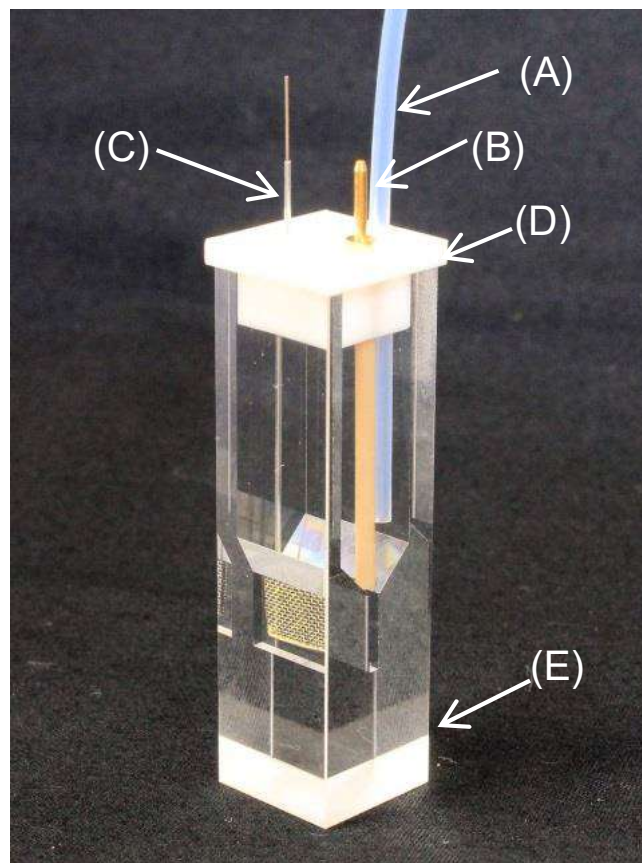


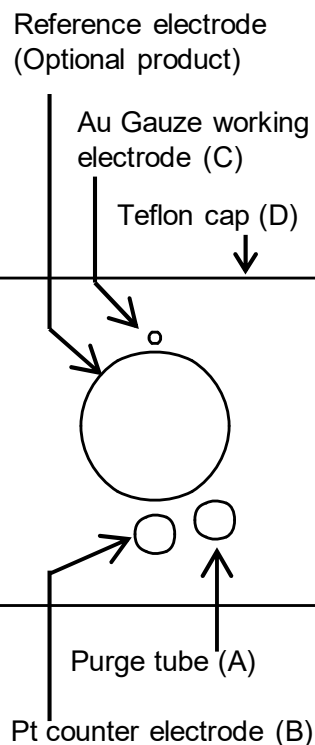
013701 SEC-C05T Thin Layer Quartz Glass Spectroelectrochemical cell (Au)

1. Contents



- (A) Purge tube (ETFE) 10 cm
(B) SEC-C/C05 Pt counter electrode
(C) SEC-C05 Au Gauze working electrode
(D) SEC-C Teflon cap
(E) SEC-C05T Thin Layer Quartz Glass cell

[Schematic diagram of Teflon cap (D)]



2. Assembly

- (1) In advance, insert an Au 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 Au Gauze working electrode(C) to 0.5 mm optical path length. At this time, be careful not to bend the Au 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. Be careful not to leave bubbles on each electrode.
- (5) Insert the reference electrode into the specified hole. Be careful not to leave bubbles in 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 gauze electrode is easily damaged, so be careful not to bend.
- (2) Be careful not to contact the Au 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>

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