

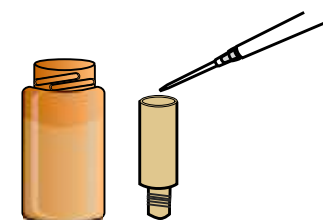
012174 RE-7VP Non Aqueous reference electrode screw type (Ag/Ag⁺)

Content:

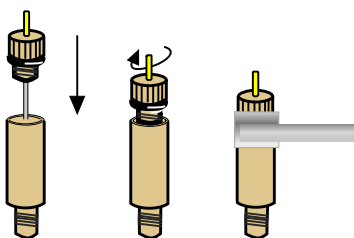
- a. Cap with Ag wire (PEEK)
- b. Sample holder (PEEK)
- c. O ring
- d. RE-7 Electrolyte solution
(0.01 M AgNO₃, 0.1 M Tetrabutylammonium perchlorate
(TBAP) in acetonitrile)

□ Although silver nitrate may precipitate and float in some cases, there is no influence to application.

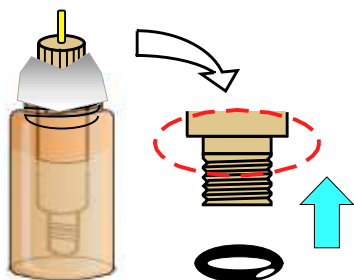
1. Assembly



- 1-1. Put the electrolyte solution to the sample holder. Beware of the fluid volume. The capacity of holder is about 0.5 mL.



- 1-2. Insert the cap into the sample holder, and fasten the cap tightly. Seal the cap to avoid evaporating of the inner solution.

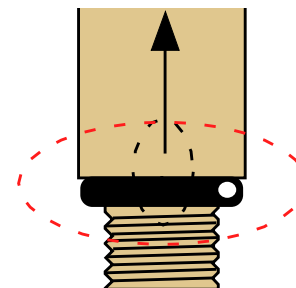


- 1-3. Soak the reference electrode in electrolyte solution for 1 day. After soaking, wipe out the adherent solution and set the O ring on the tip of sample holder.

Replace the inner solution at each measuring days.

2. Attention for setup

If air bubbles were present around the porous glass, slightly flick the electrode to clear the bubbles. The air bubbles may obstruct the liquid conduction between inner solution and external solution, that may finally cause the electrode potential abnormal. This electrode is dedicated to our cell. Compatibility with other products can not be guaranteed.

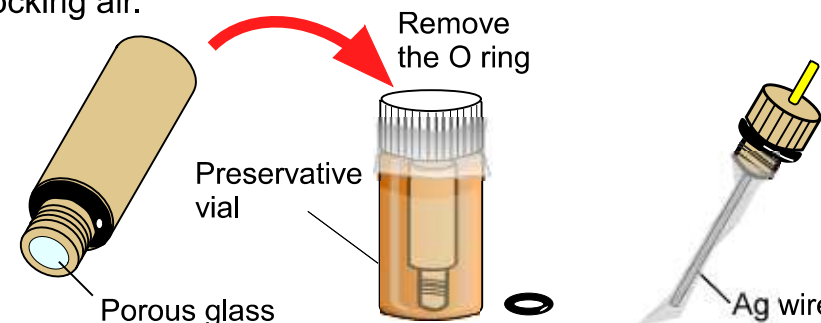


Gently flick the constriction part. Avoid flicking the porous glass.

3. How to keep

Separate the electrode for keeping. Replace the inner solution of the holder to the purified solvent, and soak the holder tip in solvent for keeping moistening the porous glass. If dried the porous glass, occur salt deposition to breaking the glass or increasing the liquid junction resistance.

Clean the Ag wire with acetonitrile, and cover the Ag wire with wrap for blocking air.



Please check our website for more information of the electrodes.

<http://www.als-japan.com/1389.html>

Optional products

012549 RE-7 Electrolyte solution (10mL)

012108 RE-PV Preservative vial for reference electrode

Manufactured by: ALS Co., Ltd

Exclusive distributor: BAS Inc.

URL: <http://www.als-japan.com>

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