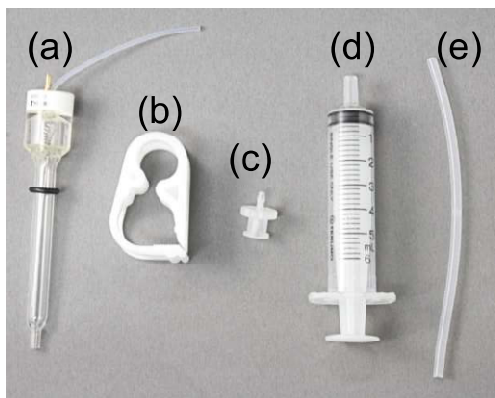


013373 RHEK Reversible hydrogen electrode kit



Contents

- (a) 013374 RHE
Reversible hydrogen electrode
- 013378 RHEK Accessories kit
- (b) Tubing clamp
(c) Female lure fitting
(d) Disposable syringe
(e) Silicone tube (3 pcs)

【Storage of hydrogen gas】

If the electrolyte solution is acidic ($\text{pH} < 2$), it can be used as inner solution of RHE directly. Otherwise, the 013375 Double junction holder should be used together with the RHE to maintain the proper potential of RHE.



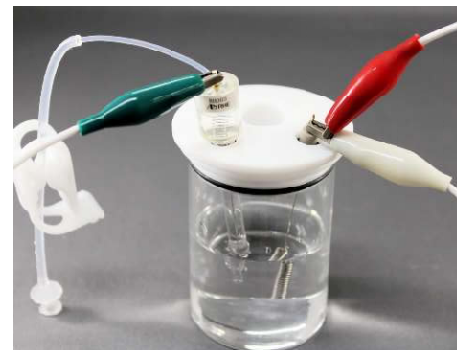
Connect the accessories kit to RHE reversible hydrogen electrode like left figure.



Prepare a Pt counter electrode (options: 012961, 002222 etc.) and set it together with a RHE to the electrolysis cell which filled with acidic solution.



Leave the tubing clamp at open state. Use the disposable syringe and suction the acidic solution gently till the solution is near the female lure fitting and close the tubing clamp firmly.



Connect the working electrode cable to RHE, and connect the reference and counter electrode cable to the Pt counter electrode. Electrolyze the acidic solution until 2 coulomb electric charges pass. (For example: apply -3V vs. ref to WE for about 5 minutes in 1.2 M HCl solution.)

【CAUTION】

- This reference electrode should be used in aqueous solution. Do not use it in organic solvent
- The electrolysis current might be over 10mA. Please check the Max. current range of the potentiostat before electrolysis.
- To avoid breaking the glass body, the electrode should be protected from strong shock.
- Use the electrode at room temperature and atmospheric pressure.
- After using, clean well the inside of RHE.
- We do not guarantee the products if you against the above notes.

You can check more detail manual in our website.

http://usr.bas.jp/dl_sub/?id=529d7ecacf927

Manufactured by: ALS Co., Ltd

Exclusive distributor: BAS Inc.

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

e-mail: sales@als-japan.com