

> !!CAUTION!!

1. The electrode consists of hazardous substance. Be careful handling.
2. Do not remove the label of electrode main body(a). The label is required for any case of inquiry.
3. Do not use the electrode in strong acid or alkaline solution.
4. Use the electrode at room temperature and atmospheric pressure.
5. To avoid breaking, the electrode should be protected from strong shock.
6. Don't disassemble the electrode main body(a) as damage can occur and the warranty will be void.
7. The porous glass in tip may become discolored after use. This is not uncommon and is not a reason for exchange.
8. This electrode is intended for aqueous solutions. Do not use it in organic solvent.

You can browse the “checking data of electrode” link to learn more:
<http://www.als-japan.com/dl/>

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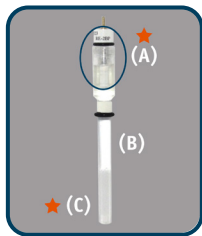


> CALOMEL REFERENCE ELECTRODE EF-1352



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> CONTENTS



- A) Electrode Main Body
- B) Electrode Holder
- C) Protective Cap

Remove Parafilm (★places) and a protective cap, when using.

> ELECTRODE MAINTENANCE

- > Check whether there are air bubbles in the internal solution, both at the tip of electrode main body (a) and in the tip of the electrode holder (b). If there are bubbles at a liquid junction in the electrode holder (b) or at a tip of an electrode main body (a), be sure to remove them by flipping and/or shaking. Correct or stable potential may not be obtained if bubbles are present.



- > With use, the level of the internal solution will decrease. Do not allow the level of the internal solution to drop below the tip of the main body (a). To add more internal solution, unscrew the main body from the electrode holder, inject the appropriate amount of saturated KCl solution into the electrode holder, then reassemble.



> HOW TO KEEP

After use, rinse the tip of the electrode holder (b) with ion-exchanged water, and soak the electrode in saturated KCl solution. Keep the electrode in a storage vial for a reference electrode (option) containing the same saturated KCl solution as the electrode internal solution in a cool dark place to avoid depletion of the internal solution.

The electrode potential cannot be maintained if kept in a solution with a different concentration or a solution of different ionic species from the internal solution. Incorrect storage may cause fluctuations in the electrode potential and breakage of the liquid junction.

> SEE BACK SIDE FOR WARNINGS