

## CT-1003&CT-1003C Electrode manual

CT-1003 pH composite electrode, CT-1003C pH composite electrode be make from pH galss electrode and Agcl reference electrode. The body is glass, it's important part of pH meter and measure pH value of the liquid. It be widely used in chemistry, industry, medication and science etc..

### ➤ **Operation environment**

1. Environment temperature : 5 ~ 40°C
2. Environment humidity: ≤85%

### ➤ **Maintain and Attention**

- ① Immerse pH electrode into 3.3N KCL solution for 2 hours when pH electrode be used first or didn't use it for long time.
- ② Wash the electrode in the distill water clear before using and wipe up.
- ③ CT-1003 pH electrode don't need to append reference solution.
- ④ CT-1003C pH electrode is rechargeable. Need to append 3.3N KCL reference solution.
- ⑤ Don't immerse pH electrode into distill water or the liquid for long time when don't using.
- ⑥ Confect 3.3N KCL solution:
  - a. Put 246g KCL powder into the 1000ML water without ion.
  - b. Use a glass stick in the water, swirling it untill the white powder dissolved.

### ➤ **Technology data**

Measure range: 0~14pH	Temperature: 5 ~ 40°C
Zero (pH): 7±1	Resistance(MΩ): ≤250
Slope: ≥97	Alkali error(MV): ≤15

## CT-1003&CT-1003C Electrode manual

CT-1003 pH composite electrode, CT-1003C pH composite electrode be make from pH galss electrode and Agcl reference electrode. The body is glass, it's important part of pH meter and measure pH value of the liquid. It be widely used in chemistry, industry, medication and science etc..

### ➤ **Operation environment**

1. Environment temperature : 5 ~ 40°C
2. Environment humidity: ≤85%

### ➤ **Maintain and Attention**

- ① Immerse pH electrode into 3.3N KCL solution for 2 hours when pH electrode be used first or didn't use it for long time.
- ② Wash the electrode in the distill water clear before using and wipe up.
- ③ CT-1003 pH electrode don't need to append reference solution.
- ④ CT-1003C pH electrode is rechargeable. Need to append 3.3N KCL reference solution.
- ⑤ Don't immerse pH electrode into distill water or the liquid for long time when don't using.
- ⑥ Confect 3.3N KCL solution:
  - a. Put 246g KCL powder into the 1000ML water without ion.
  - b. Use a glass stick in the water, swirling it untill the white powder dissolved.

### ➤ **Technology data**

Measure range: 0~14pH	Temperature: 5 ~ 40°C
Zero (pH): 7±1	Resistance(MΩ): ≤250
Slope: ≥97	Alkali error(MV): ≤15