

Product Data Sheet

pH-Thermometer

Reference 92100-006-co

Specifications

- -1-15 pH / 0 + 60°C
- **Display resolution** : 0.01 pH / 0.1°C
- **Accuracy** : ± 0.02 pH / $\pm 1^\circ\text{C}$
- Interchangeable **electrode** (#92200-006-re)
- Self **calibration** pH4; pH7; pH10
- Automatic **Temp. compensation (ATC)**
- With pH4; pH7; pH10 solutions
- 1 soaking solution
- 1 spare battery
- IP57
- 2 CR2032 batteries
- In plastic box



Instructions

CALIBRATION.

Wash the electrode with pure water and dry it, place it into a buffer solution (pH4.00) still it after stirring. When the reading is stable, press the button for 2 seconds and release when the icon «CAL» appears. '4.00' pH will be flashing: the calibration will take a few seconds. The meter will return to a measuring mode and the icon «L» will appear.

Wash the electrode with pure water and dry it. Calibrate according to the above same steps as for the pH7.00 and pH10.01 buffer solutions. The meter will return to a measuring mode and the icon « M » and « H » will appear after the calibration.

TEST.

Wash the electrode with pure water and dry it, place it into the sample solution, still it after stirring, and take the reading when the value has stabilized.

Wash the electrode with pure water and dry it after each use. Cover the electrode cap. The cap must always be covered in soaking solution. Add some solution to the cap if the electrode is dry.


Considerations

For a high accuracy ($\leq \pm 0.03$ pH) calibration should be done for each use. For a general accuracy ($\leq \pm 0.1$ pH) it can be done for each week.

To ensure the meter's reliability, the buffer solution must be changed immediately after use.

The electrode head will stain after several use and should therefore be maintained in good condition. To do so, you should clean the bulb and the junction with soap water using a small brush, then wash it with pure water and place it into a soaking solution for 24 hours before use.

The electrode can be used for a period of one year. When the icon « Err » appears or that the accuracy and response speed do not meet your requirements, change the electrode: take off the electrode upper cover and the meter's circuit connector, and insert it into a new electrode (# 92200-006) (please refer on the back of the pH-meter).

Automatic OFF after 10 minutes of idle time. Change the battery when icon "  " appears on the LCD.

Switch °C /°F: turn off the meter, press the button for more than 3 seconds and release.

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