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Instructions pH-METER PH901

USE

- Remove the protective cap and switch on the unit.
- If it is the first time of use, or used for a long time, calibrate the unit.
- Dip the electrode into sample solution. Stir gently and wait for a few seconds till the displayed value is stable. The readout is the pH value.
- After using, dip the electrode into distilled or de-ionised water. Stir gently. Then use tissue paper to gently suck the water from the glass bulb. This action must be very careful in order not to make any damage to the glass bulb.
- When storing the pH meter, switch off the unit, put a few drops of distilled water or de-ionised water on the sponge inside the cap, to rinse the glass bulb. Then put the cap onto the pH meter.
- If the unit can not be switched on or the display fades, replace all the batteries.

CALIBRATION

The pH meter has a 1 points calibration system. Point 1 is a trimmer aside of the battery compartment.

Calibrate the meter with a buffer solution 7,00pH if measurement will situate around it, with a buffer solution 4,00pH if measurement will be in the acid region.

- Remove the protective cap. Possible salt deposits (harmless) on the glass bulb are to be removed simply by cleaning with distilled or de-ionised water.
- Dip the electrode into a small amount of buffer solution. Wait until readout stabilises (remain stable).
- Adjust the trimmer when necessary with the enclosed screwdriver to pH 7,00 or 4,00.
- Clean the electrode with distilled or de-ionised water.

SPECIFICATION

Range : from 0,00 to 14,00 pH
 Resolution : 0,01 pH
 Accuracy : $\pm 0,05$ pH
 Calibration : 1 points
 Operating temperature : 0 to 50°C
 Power supply : DC 3 x 1,5V button battery

NOTES

- The glass bulb is fragile. Treat it carefully. Do not touch it by hard tools and fingers. Suck the water on it gently when cleaning. Do not wipe.
- Clean the electrode with distilled or de-ionised water every time before and after use.
- The accuracy is $\pm 0,05$ pH. This means that a readout of 4,00pH can vary between 4,05pH and 3,95pH.

