INSTRUCTION MANUAL

pH-706 pH/mV/Temp

INSTRUCTION MANUAL pH Meter
pH-706 CE

CE

FEATURE:

- Microprocessor based with splash proof housing.
- Large LCD displays pH and Temperature simultaneously.
- Rubber protective holster with magnetic for hand free operation.
- Automatic or manual temperature compensation.
- Simple to calibrate by one keyboard for 3 points buffer, calibration value can be adjusted as needed.
- Degree C/F switchable
- Indicate percentage of slope(PTS) after calibration.
- Low battery and consumption indicator.
- Auto shut off after 10 minutes of non use.

SPECIFICATIONS:

Range:	0.00 to 14.00 pH, ±1999 mV, 0 to 100°C
Accuracy:	0.02 pH, 2 mV, 0.5°C
Resolution:	0.01 pH, 1 mV, 0.1°C
ATC:	0 to 100°C
Calibration:	pH 4.00, 7.00, 10.00
Battery:	9V
Dimensions:	108 x 75 x 30 mm
Weight:	135g (with battery)

OPERATING PROCEDURE:

Accessories:

Upon receiving the shipment, inspect the container and equipment for any signs of damage. Remove the packing list and verify that you have received all equipments: Meter, pH+Temp electrode, Buffer solution 4.00 & 7.00, Battery 9V, Operating manual.

Preparation

1. Open the battery compartment and connect the 9V battery.
2. Remove the protection cap from the electrode and connect to BNC input.
3. Turn on the power switch.
4. Rinse the electrode with clean water and wipe it dry.

Calibration

1. Dip the electrode into the buffer solution pH 7.00, Stir gently and wait until the display stabilized. Press and hold **CAL** key 3 second to into calibration mode. The display will appear CAL and flash 7.00. When the display stop flashing then it's end of calibration
2. Dip the electrode into the buffer solution pH 4.00 and same as step 1

Note: Calibration value can be adjusted as your buffer solution value under CAL mode and flash status by ▲ and ▼ key.
For example, pH6.86 instead of pH 7.00

3. After slope calibration, the LCD display will indicate percentage of slope(PTS) to show the status of electrode.

Measurement

1. After calibration, rinse the electrode with clean water and wipe it dry. Dip the electrode into sample solution to be measured. Stir gently and wait until a stable reading can be obtained
2. Press **pH/mV** key to change pH or ORP mode as needed.

Others

1. Degree C and F can be changed by press and hold **pH/mV** key 3 second
2. Automatic temperature compensation(ATC) mode by insert temperature probe. Manual temperature compensation mode by ▲ and ▼ key,
3. Change a new battery when the battery indicator flashing.