



## PEN TYPE PH METER

### SPECIFICATIONS:

Range: 0.0 - 14.0PH  
 Resolution: 0.1PH  
 Accuracy:  $\pm 0.1$ PH  
 Temperature Compensation:  
 0°C - 50°C  
 Battery: 3 x 1.5V (AG-13)  
 Operating Temperature: 0°C - 50°C  
 Dimensions: 150mm x 29mm x 20mm  
 Weight: 51g

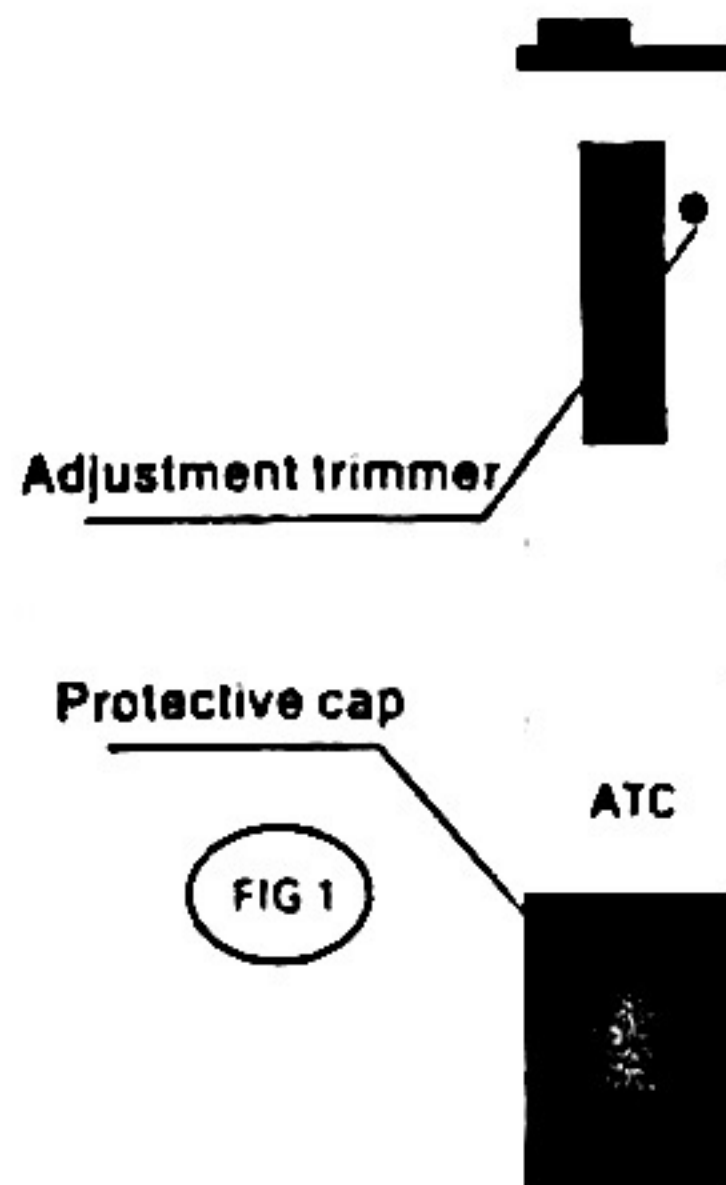


### IMPORTANT:

The instrument's pH range must be re-calibrated whenever.  
 The electrode has been used (laid) for long time from the last calibration.  
 The electrode has been used in particularly taxing conditions.  
 The utmost accuracy is required.

### BATTERY INSTALL:

If the display of meter fades, to replace all the batteries. Pull out the battery case and replace the batteries. Pay attention to the polarity of battery.



### OPERATION:

1. Remove the protective cap.
2. First clean the electrode with distilled water, and suck it with filter paper.
3. Turn on pH by "ON-OFF" switch located on the top of battery case.
4. Immerse the pH meter electrode in solution up to the immersion level. Under no circumstances immerse above display level.
5. Stir gently and wait for the reading to stabilize.
6. After use, Switch off it, Use the distilled water clean the electrode and replace the protective cap.

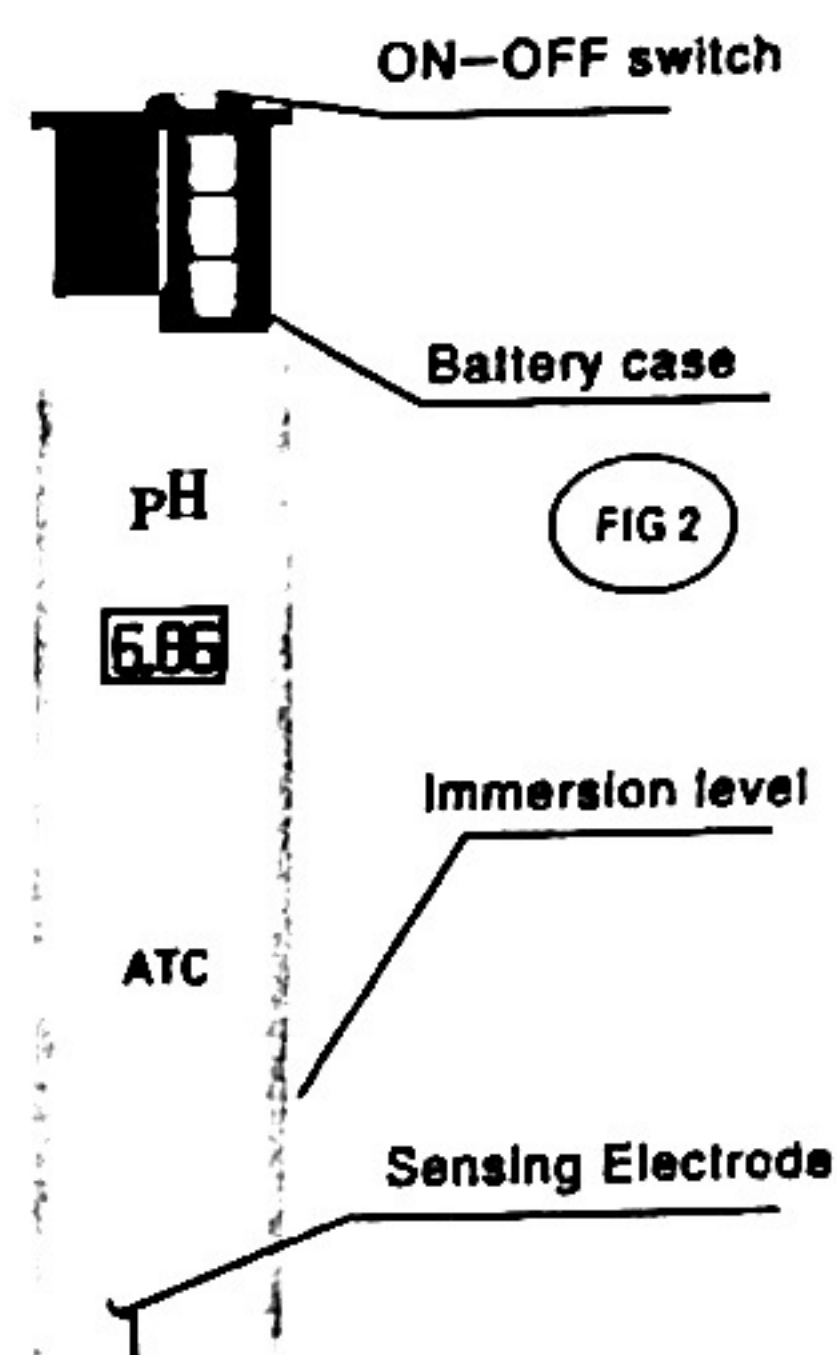
### WARRANTY:

These instruments are warranted from all defects in material and manufacturing for a period of one year from the date of purchase. If during this period, the repair or the replacement of parts is required where the damage is not due to negligence or erroneous operation by user, please return the parts to either dealer or our offices, and the repair will be effected free of charge.



### PH CALIBRATION:

1. Immerse the electrode in pH 6.86 (under the temperature of 25°C) standard buffer solution of phosphate, and gently shake the electrode.
2. Regulate the trimmer with a screwdriver until the buffer solution value corresponding to the measurement temperature is obtained.
3. Immerse the electrode in pH 4.01 or pH 9.18 the standard buffer solution of borax.
4. After about one minute, until the buffer solution value corresponding to the measurement temperature is obtained.



## PH-009(II)A PEN TYPE PH METER

