

PH: 0.00 ~ 14.00PH
°C: -50°C ~ 70°C
°F: -58°F ~ 158°F
EC: 0.00 ~ 19.99EC
CF: 0.0 ~ 199CF
TDS: 10 ~ 19990ppm

● Resolution

PH: 0.01PH °C: 0.1°C °F: 0.2°F

EC: 0.01EC CF: 0.1CF TDS: 10 ppm

● Accuracy

PH: ±0.1 PH °C: 1.0°C

EC、CF、TDS: ±2%F.S

● Automatic Temperature

Compensation: 0°C ~ 50°C

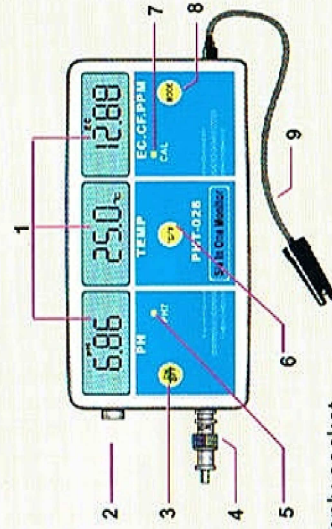
● Batteries: DC6V

● Dimensions : 155 × 86 × 22 mm³

● weight: 223g



Front Panel Description



- ① Display
- ② Power supply socket
- ③ "ON/OFF" switch
- ④ pH electrode input terminal
- ⑤ PH7 calibrate adjustment knob
- ⑥ "C/°F" action function switch
- ⑦ "EC、CF、ppm" calibrate adjustment knob
- ⑧ "MODE" action function switch
- ⑨ Temp、EC、CF、ppm electrode

Operating Information

1. Connect the power supply or encase the batteries. Connect the PH electrode to the jack left of the instrument. Remove the protective cap.
2. Turn the meter on by pressing the "ON" key.
3. Immerse the two electrode in the solution to be tested. Stir gently and wait for the reading to stabilize.
4. Press the "C/°F" key, choice the °C/°F for measuring. Press the "MODE" key, choice in turn show EC, CF, ppm for measuring.
5. After use, turn off the meter. Rinse the electrode with distilled water to minimize contamination. Replace the protective cap.

Calibration

1. PH Calibration

- Immerse the electrode in pH 6.86 standard buffer solution, and gently shake it.
- Allow the reading to stabilize and with a small screwdriver turn the PH7 calibration trimmer until the display shows "6.86". Rinse the electrode with distilled water, and suck it with filter-paper.
- Immerse the electrode in pH4.01 or pH9.18 standard buffer solution until the display shows "4.01" or "9.18".

screwdriver turn the CAL calibration trimmer until the display shows "12.88EC". Rinse the electrode with distilled water, and suck it with filter-paper. Unscrew the battery compartment cap on the top of the meter.

- Immerse the meter in 1413 μs/cm(1.41EC) calibration solution until the display shows "1413(1.41EC)".

Important: The instrument's pH range must be re-calibrated whenever:

- The electrode has been used(laid) for long time