



## PHG-2091 Industrial PH Meter

PHG-2091 industrial online PH meter is precision meter for measurement of PH value of solution. With complete functions, stable performance, simple operation and other advantages, they are optimal instruments for industrial measurement and control of PH value. Various PH electrodes can be used in PHG-2091 industrial online PH meter.

### Features

LCD display, high-performance CPU chip, high-precision AD conversion technology and SMT chip technology, Multi-parameter, temperature compensation, high precision and repeatability

US TI chips; 96 x 96 world-class shell; world-famous brands for 90% parts

The current output and alarm relay adopt optoelectronic isolating technology, strong interference immunity and the capacity of long-distance transmission.

Isolated alarming signal output, discretionary setting of upper and lower thresholds for alarming, and lagged cancellation of alarming.

High-performance operational amplifier, low temperature drift; high stability and accuracy.

### Technical Indexes

1. Measuring range: 0~14.00pH, Resolution:0.01pH
2. Precision:0.05pH,±0.3°C
3. Stability:≤0.05pH/24h
4. Automatic temperature compensation: 0~100°C(pH)
5. Manual temperature compensation:0~80°C(pH)
6. Output signal: 4-20mA
7. Communication interface:RS485(optional)
8. Control interface: ON/OFF relay output contact
9. Relay load: Maximum 240V 5A; Maximum 115V 10A
10. Relay delay: Adjustable
11. Current output load:Max.750Ω
12. Insulation resistance:≥20M
13. Power supply: AC220V ±22V, 50Hz ±1Hz
14. Overall dimension: 96(length)x96(width)x110(depth)mm;dimension of the hole: 92x92mm
15. Weight: 0.6kg
16. Working condition: ambient temperature:0~60°C, air relative humidity:≤90%

Except for the earth magnetic field, there is no interference of other strong magnetic field around.

### Standard configuration

One secondary meter, the mounting sheath of immersed (selection), one PH electrode, three packs of standard



### Ordering guide:

1. To inform whether the electrode provided is a dual or ternary complex.
2. To inform the length of the electrode cable (default as 5m).
3. To inform the installation type of the electrode: flow-through, immersed, flanged or pipe-based