

**MADECO MDPH3091****MDPH-3091 Industrial PH Meter**

MDPH-3091 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 MDPH-3091 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 isolated protection output, dual current output
  7. Communication interface:RS485(optional)
  8. Control interface: ON/OFF relay output contact
  9. Relay load: Maximum 240V 5A; Maximum I I5V 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



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