

# PH500 PH/ORP/Ion/Temp Meter



## Introduction:

Simple operation, powerful functions, complete measuring parameters, wide measurement range;  
Four sets with 11 points standard liquid , one key to calibrate and automatic identification to complete the correction process;

Clear and readable display interface, excellent anti-interference performance, accurate measurement, easy operation, combined with high brightness backlight lighting;









Brief and exquisite design, space saving, easy calibration with calibrated points displayed, optimum accuracy, simple operation comes with back lit. PH500 is your reliable partner for routine applications in laboratories, productions plants and schools.

**Features:**

- Occupy less place, Simple Operation.
- Easy-to-read LCD Display with backlight.
- 3 points auto buffer calibration: Zero offset, Slope of Acid/Alkali segment, ensure accurate measuring results.
- Calibrated pointed displayed.
- One key to check through all the settings, including: Zero offset, Slope of Acid/Alkali segment, and all the settings.
- 256 sets of data storage.
- Auto power off if no operations in 10 minutes. (Optional).
- Detachable Electrode Stand organizes multiple electrodes neatly, easy installing at either left or right side and holds them firmly in place.

**Technical specifications:**

| PH500 PH/mV/ORP/Ion/Temp Meter |                       |  |
|--------------------------------|-----------------------|--|
| pH                             | Range                 | -2.00~16.00pH                                |
|                                | Resolution            | 0.01pH                                       |
|                                | Accuracy              | ±0.01pH                                      |
| ORP                            | Range                 | -2000mV~2000mV                               |
|                                | Resolution            | 1mV  |
|                                | Accuracy              | ±2mV   |
| Ion                            | Range                 | 0.000~99999mg/L,ppm                          |
|                                | Resolution            | 0.001,0.01,0.1,1mg/L,ppm                     |
|                                | Accuracy              | ±1%(1 valence),±2%(2valence),±3%(3 valence). |
| Temperature                    | Range                 | -40~125°C,-40~257°F                          |
|                                | Resolution            | 0.1°C,0.1°F                                  |
|                                | Accuracy              | ±0.2°C,0.1°F                                 |
| Buffer Solution                | B1                    | 1.68, 4.01, 7.00, 10.01(US)                  |
|                                | B2                    | 2.00, 4.01, 7.00, 9.21, 11.00(EU)            |
|                                | B3                    | 1.68, 4.00, 6.86, 9.18, 12.46(CN)            |
|                                | B4                    | 1.68,4.01, 6.86, 9. 8(JP)                    |
| Others                         | Screen                | 96*78mm Multi-line LCD Back lit Display      |
|                                | Protection Grade      | IP67   |
|                                | Automatic Power-off   | 10minutes (optional)                         |
|                                | Operating Environment | -5~60°C,relative humidity<90%                |
|                                | Data storage          | 256 sets of data storage                     |
|                                | Dimensions            | 140*210*35mm (W*L*H)                         |
|                                | Weight                | 650g   |

| Type    | micro  | Semi micro   | general environment  | flat   | semisolid  | pierce   | pierce   | Pure water   |
|---------|--|--|--|--|--|--|--|--|
| Picture |  |  |  |  |  |  |  |  |
| No.:    | CS1203   | CS1206   | CS1010   | CS1211   | CS1212   | CS1215   | CS1216   | CS1218   |

|      |           |          |                     |                     |                     |            |
|------|-----------|----------|---------------------|---------------------|---------------------|------------|
| Type | Colloidal | Organics | General environment | General environment | General environment | Pure water |
|------|-----------|----------|---------------------|---------------------|---------------------|------------|

|         |   |  |   |  |   |  |
|---------|---|--|---|--|---|--|
| Picture |  A black ballpoint pen with a red tip. |  A clear ballpoint pen with a yellow tip. |  A clear ballpoint pen with a white tip. |  A clear ballpoint pen with a white tip. |  A clear ballpoint pen with a white tip. |  A clear ballpoint pen with a white tip and a black clip. |
| No.:    | CS1258  | CS1297   | CS1030  | CS1021   | CS1020  | CS1218   |