

# pH, Conductivity, TDS and Salinity Pocket Pen Type Water Quality Meters

Basic water quality testing  
in Environmental, Process  
and Industrial applications

## Examples:

Agriculture  
Aquaculture  
Hydroponics  
Cooling towers  
Waste water  
Water treatment  
Food & beverages  
Meat, cheese etc.



| Specifications:        | PH828+<br>Standard pH Meter  | PH818T<br>Spear pH Meter  | AR8211+<br>Conductivity / TDS                                       | AR8212+<br>Salinity (NaCl)  |
|------------------------|--|---|---|---|
| Electrode Type         | Standard round bulb  | Spear with blade  | 2 Pin K=1   | 2 Pin K=1   |
| pH Range               | 0.00~14.00 pH  | 0.0~14.0 pH   | ×   | ×   |
| pH Accuracy            | ±0.05pH  | ±0.1pH  | ×   | ×   |
| pH Resolution          | 0.01pH   | 0.1pH   | ×   | ×   |
| Calibration (Auto)     | 1, 2 or 3 point  |   | 1, 2 or 3 point   |   |
| Calibration Buffer     | 4.01pH, 7.00pH, 10.01pH or Custom  |   | 0, 1413uS, 12.88mS  | 0, 7ppt, 40ppt  |
| EC Range               | ×  | ×   | 0~19.99 mS/cm   | ×   |
| TDS Range              | ×  | ×   | 0~19.99 ppt   | ×   |
| Salinity Range         | ×  | ×   | ×   | 0~50ppt (NaCl)  |
| EC/Salinity Accuracy   | ×  | ×   | ±3% FS ±1 digit   |   |
| EC/Salinity Resolution | ×  | ×   | 1µS / 0.01mS  | 1ppm, 0.01 / 0.1ppt   |
| Electrode Constant     | ×  | ×   | 1 cm <sup>-1</sup>  |   |
| Temp. Range            | 0~60°C   |   | 0~60°C  |   |
| Temp. Compensation     | Automatic  |   | Automatic   |   |
| Temp. Accuracy         | ±1°C   |   | ±1°C  |   |
| Temp. Resolution       | 0.1°C  |   | 0.1°C   |   |
| Display                | Colour LCD   | Standard LCD  | Colour LCD  | Colour LCD  |
| IP Rating              | IP65   | IP65  | IP65  | IP65  |
| Power                  | Li 3.7V Rechargeable   | 2 x AAA 1.5V Alkaline   | Li 3.7V Rechargeable  | Li 3.7V Rechargeable  |
| Accessories            | Soft zip-up case, standard electrode, powder buffer sachets, USB charging cable and manual | Soft zip-up case, spear electrode, blade, powder buffer sachets, batteries and manual | Soft zip-up case, standard K=1 probe, USB charging cable and manual | Soft zip-up case, standard K=1 probe, USB charging cable and manual |

## Distributor:

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