

## 1. Pocket pH/ORP/Conductivity/TDS/Salinity Tester

### Feature:

- ✘ Extensive applications: Ideal for check on water quality, plating operations, field applications and other redox measurements.
- ✘ Display: Large LCD screen with backlit for easy reading, provides comprehensive meter information.
- ✘ Easy Maintenance, no tools needed to change batteries and electrode.
- ✘ Auto-off function, data-hold function and low-batteries indicator.
- ✘ Waterproof housing (IP-67).
- ✘ Multi-purpose carrying case.
- ✘ Auto-lock function.
- ✘ Electrode slope indicator display.
- ✘ User-replaceable electrode.
- ✘ 500+ battery life with 1x1.5V AAA (2x1.5V AAA for AE-CON10).



### Technical Specifications:

Model	AE-PH10	AE-ORP10	AE-CON10
Measurement Range	-2.00~16.00pH	-900~+900mV	0~200.0uS/cm(ppm), 0~2000uS/cm (ppm) 0~20.00mS/cm(ppt), 0~50.0mS/cm(ppt)
Temperature Range	0~60°C/32~140°F	0~60°C/32~140°F	0~60°C/32~140°F
Resolution	0.01pH,0.1°C/°F	1mV,0.1°C/1°F	0.1, 1uS/cm(ppm), 0.01, 0.1mS/cm(ppt)
Accuracy	±0.01pH	±1mV	±1%F.S
Temperature Compensation	ATC Auto	—	0.0°C~60°C Auto
Temperature Coefficient	—	—	0.00~10.00% adjustable (default 2.00%)
Temperature Reference	—	—	15~30°C adjustable (default 25°C)
TDS Coefficient	—	—	0.40~1.00 adjustable (default 0.50)
Salinity Range	—	—	0-30ppt
Salinity Coefficient	—	—	0.65
Ingress Protection	IP67	IP67	IP67
Calibration	Auto, up to 5 points	—	1 point
Electrode	AE-PH10-1	AE-ORP10-1	AE-CON10-1
Power Supply	1x1.5V AAA	1x1.5V AAA	2x1.5V AAA
Memory	10sets	10sets	10sets
Display	22x32mm Photo-Luminescent LCD	22x32mm Photo-Luminescent LCD	22x32mm Photo-Luminescent LCD
Dimensions/Weight	164x37x40mm/90g	164x37x40mm/90g	164x37x40mm/90g

### TESTER ACCESSORIES

#### AE-PH10-1

pH Electrode  
 Type: Glass  
 Test Range: 0~14pH  
 Temperature Range:  
 0~60° C  
 Electrolyte: 3 mol KCL



#### AE-ORP10-1

ORP Electrode  
 Type: Platinum  
 Temperature Range:  
 0~60° C  
 Reference System:  
 Ag/AgCl  
 Electrolyte: 3 mol KCL



#### AE-CON10-1

Conductivity Electrode  
 Type: PPS/Graphite  
 Temperature Range:  
 0~60° C  
 Cell Constant: K=1.0



## Regulatory compliances



## Corporate Social Responsibility

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2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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