



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

#### Feature:

X Extensive applications: Ideal for check on water quality, plating operations, field applications and other redox measurements.

X 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:**

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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	22x32mm	22x32mm
	Photo-Luminescent LCD	Photo-Luminescent LCD	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

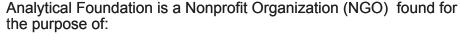
Conductivity Electrode Type: PPS/Graphite Temperature Range: 0~60° C Cell Constant: K=1.0



### Regulatory compliances



## **Corporate Social Responsibility**





- 1.Research & Innovation Scientist's awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personallities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at <a href="mailto:info@analyticalfoundation.org">info@analyticalfoundation.org</a>
- 2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.
- 3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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