

# Portable Tester (pH/ORP/Conductivity/TDS/Salinity/DO Tester)

## Feature

- Applications: Schools and Education institutes, Chemical laboratories, Quality assurance testing, food science.
- Large LCD display, great 120 degree angle view.
- Data Hold function.
- Temperature offset adjusting function.
- 100 sets of data storage function.
- Built-in rechargeable Li-battery (Bench-top Meter).
- Offset value function.



## Technical Specifications

Type	PH/ORP Tester		Conductivity/TDS Meter	DO Meter
Model	AE-PH701	AE-PH801	AE-CON401	AE-DO301
Measurement Range	PH: -2.00~16.00pH ORP: -2000~2000mV Temp: -5.0~120°C/23.0~248.0°F		0~5.000uS/cm(ppm),0~50.00uS/cm(ppm) 0~500.0uS/cm(ppm),0~5000uS/cm(ppm) 0~50.00mS/cm(ppt),0~500.0mS/cm(ppt)	0.00~40.00 mg/L,0.0~400.0% -5.0~120.0°C, /23.0~248.0°F
Resolution	0.01pH, 0.1mV (-600.0~600.0).0.1/0.1°F		0.001uS/cm(ppm),0.01uS/cm(ppm) 0.1uS/cm(ppm),1uS/cm(ppm) 0.01mS/cm(ppt),0.1mS/cm(ppt)	0.01mg/L, 0.1%, 0.1°C/0.1°F
Accuracy	±0.01pH,±0.2mV/1mV,±0.3°C/±0.5°F		±1% F.S, ±0.3°C/±0.5°F	
Temperature Compensation	-5.0~120.0°C Auto AE-PH701/801 Auto/Manual		Auto	0-60.0°C Auto/Manual
Resistivity Range	---		0-18.30MΩ*cm	---
Resistivity Resolution	---		0.01MΩ*cm	---
Resistivity Accuracy	---		±1% F.S.	---
TDS Coefficient	---		0.40~1.00(default 0.50)	---
Salinity Range	---		0-300ppt	---
Salinity Coefficient	---		0.65	---
Memory	---		100sets	---
Interface	---		USB	---
Auto Power Off	10 minutes no key is pressed		---	10 minutes no key is pressed
Calibration	auto, up to 5 points		Auto, up to 1 points	AUTO/MANUAL
Cell Constant	---		0.01/0.1/1/10 with specified electrode	---
Power Supply	---		2x1.5V AA	---
Ingress Protection	IP65		---	IP67
Size/Weight	---		73x152x42mm/250g	