



AE-CON Series

Conductivity Meter Portable & Bench-top

Key Features

1. Large LCD display, great 120 degree angle view;
2. Auto-off, data-hold function;
3. Built-in rechargeable Li-battery (Bench-top Meter);
4. 100 sets of data storage function.

Product Description

Feature of Dissolved Oxygen Meter :

1. Applications: Water quality testing, Cooling tower water,Boiler water, Ponds,Pollution control, Waste water, Industrial process systems;
2. Large LCD display, great 120 degree angle view;
3. Auto-off, data-hold function;
4. Temperature offset;
5. Built-in rechargeable Li-battery (Bench-top Meter);
6. Electrode slope indicator;
7. Offset value function;
8. Data Hold function;
9. 100 sets of data storage function.



AE-CON300/400



AE-CON310/410

Technical Specifications:

Type	Portable		Bench-top	
Model	AE-CON300	AE-CON400	AE-CON310	AE-CON410
Conductivity/ TDS Range	0~5.000uS/cm(ppm),0~50.00uS/cm(ppm)		0~5.000uS/cm(ppm),0~50.00uS/cm(ppm)	
	0~500.0uS/cm(ppm),0~5000uS/cm(ppm)		0~500.0uS/cm(ppm),0~5000uS/cm(ppm)	
	0~50.00mS/cm(ppt),0~500.0mS/cm(ppt)		0~50.00mS/cm(ppt),0~500.0mS/cm(ppt)	
Conductivity Resolution	0.001uS/cm(ppm),0.01uS/cm(ppm) 0.1uS/cm(ppm),1uS/cm(ppm) 0.01mS/cm(ppt),0.1mS/cm(ppt)		0.001uS/cm(ppm),0.01uS/cm(ppm) 0.1uS/cm(ppm),1uS/cm(ppm) 0.01mS/cm(ppt),0.1mS/cm(ppt)	
Conductivity Accuracy	±1% F.S.		±1% F.S.	
Resistivity Range	0~18.30 MΩ*cm		0~18.30 MΩ*cm	
Resistivity Resolution	0.01MΩ*cm		0.01MΩ*cm	
Resistivity Accuracy	±1% F.S.		±1% F.S.	
Temperature Range	-5.0~120°C/23.0~248.0°F		-5.0~120°C/23.0~248.0°F	
Temperature Resolution	0.1°C/0.1°F		0.1°C/0.1°F	
Temperature Accuracy	±0.3°C/±0.5°F		±0.3°C/±0.5°F	
Temperature Compensation Range	Auto		Auto	
Reference Temperature	15~30°C(default 25°C)		15~30°C(default 25°C)	
Temperature Coefficient	0.00~9.99%(default 2.00%)		0.00~9.99%(default 2.00%)	
TDS Coefficient	0.40~1.00(default 0.50)		0.40~1.00(default 0.50)	
Salinity Range	0-300ppt		0-300ppt	
Salinity Coefficient	0.65		0.65	
Data software	—	USB	—	USB
Cell Constant	0.01/0.1/1/10 (With specified electrode)			
Power Supply	2×1.5V AA		100~240VAC	
Ingress Protection	IP67		IP54	
Size / Weight	73x152x42mm/250g		150x194x56mm/1Kg	

The machine with different electrodes:

Model	Electrodes	Model	Electrodes
AE-CON300/CON400	Without electrode	AE-CON310/CON410	Without electrode
AE-CON301/CON401	With AE-CON-1 electrode	AE-CON311/CON411	With AE-CON-1 electrode
AE-CON302/CON402	With AE-CON-2 electrode	AE-CON312/CON412	With AE-CON-2 electrode
AE-CON303/CON403	With AE-CON-4/5 electrode	AE-CON313/CON413	With AE-CON-4/5 electrode