

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+ Standard pH Meter	PH818T Spear pH Meter	AR8211+ Conductivity / TDS	AR8212+ 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 ⁻¹	
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

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