

pH, ORP, EC, TDS, Salt and Dissolved Oxygen

Portable and Bench Top Meters

AZ8651 Portable & AZ8690 Pocket pH Meters



AZ8651 Portable pH Meter
includes combined pH/
Temperature electrode and
basic ORP electrode ($\pm 499\text{mV}$)

Specifications	AZ8651	AZ8690
Ranges	pH: 0.00 ~ 14.00pH ORP: -1999 ~ +1999mV Temp: -5 ~ +80°C	0.00 ~ 14.00pH — 0 ~ +50°C
Accuracy	$\pm 0.02\text{pH} / \pm 0.3^\circ\text{C}$	$\pm 0.05\text{pH} / \pm 0.3^\circ\text{C}$
Temperature	Automatic or Manual Compensation	
Calibration	Automatic 3 point calibration (4, 7 & 10)	
Other features	Min, Max and Data Hold Real-time clock and RS232	IP66 Waterproof housing
Accessories	Carry case, pH/Temp electrode, basic ORP electrode ($\pm 499\text{mV}$) and 3 x 60ml buffer solutions (4,7,10)	Carry pouch
Options	AZ86P5 ORP electrode ($\pm 1999\text{mV}$)	None



AZ8690 Pocket pH Meter

AZ8306 Portable Conductivity, TDS and Salt Meter

Specifications	AZ8306
Ranges	EC: 0.00 ~ 19.99 $\mu\text{S/cm}$ to 0 ~ 199.9mS/cm (5 ranges) TDS: 0.00 ~ 19.99ppm to 0 ~ 199.9ppt (5 ranges) Salt: 2 ~ 42ppt (NaCl) Temp: 0 ~ +93°C
Accuracy	$\pm 1\% \text{ FS} / \pm 0.6^\circ\text{C}$
Temperature	Automatic or Manual Compensation (0 ~ 80°C)
Calibration	Automatic calibration up to 5 points (one per range)
Other features	Cell constant selectable - 0.1, 1 or 10 TDS factor settable 0.4 ~ 1.0 Temp Coefficient and Normalization Temp adjustable Min, Max and Data Hold, Real-time clock and RS232
Accessories	Carry case and combined probe



AZ8306 EC, TDS & Salt Meter

AZ8403 Portable Dissolved Oxygen Meter



AZ8403 Dissolved Oxygen Meter

Specifications	AZ8403
Ranges	DO%: 0.00 ~ 199.9% (0.1% resolution) DOppm: 0.00 ~ 19.99ppm (0.01ppm resolution) Temp: 0 ~ +50°C (0.1°C resolution)
Accuracy	$\pm 1.5\% \text{ FS} / \pm 0.5^\circ\text{C}$
Temperature	Automatic Compensation (0 ~ 50°C)
Calibration	Saturation at 100% in air
Other features	Barometric pressure correction (manually entered) Salinity correction (manually entered) Min, Max and Data Hold 99 Reading memory with Real-time clock and RS232
Accessories	Carry case, combined probe, refill solution and 10 spare membranes

Bench Top pH, ORP, Conductivity, TDS and Salt Meters

Specifications	AZ86505 with RS232	AZ86555 with Printer + RS232
Ranges	pH: 0.00 ~ 14.00pH ORP: -1999 ~ +1999mV (with optional AZ86P5 electrode) EC: 0.00 ~ 19.99 $\mu\text{S/cm}$ to 0 ~ 199.9mS/cm (5 ranges) TDS: 0.00 ~ 19.99ppm to 0 ~ 199.9ppt (5 ranges) Salt: 0 ~ 80ppt (NaCl) Temp: -5 ~ +80°C	0.00 ~ 14.00pH -1999 ~ +1999mV (with optional AZ86P5 electrode) 0.00 ~ 19.99 $\mu\text{S/cm}$ to 0 ~ 199.9mS/cm (5 ranges) 0.00 ~ 19.99ppm to 0 ~ 199.9ppt (5 ranges) 0 ~ 80ppt (NaCl) -5 ~ +80°C
Accuracy	$\pm 0.02\text{pH} / \pm 1\% \text{ FS} \text{ (EC, TDS, Salt)} / \pm 0.5^\circ\text{C}$	
Temperature	Automatic or Manual Compensation (0 ~ 80°C)	
Calibration	Automatic calibration up to 5 points	
Other features	Cell constant 1 / TDS factor settable 0.3 ~ 1.0 Temp Coefficient and Normalization Temp adjustable Min, Max and Data Hold, 99 Reading memory, Real-time clock and RS232	
Accessories	AC adapter, probe holder, pH electrode, EC probe, software and RS232 cable	



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