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Orion 230Aplus

pH/mV/Rel mV/ORP/Temp

The Orion Aplus meter combines the popular easy-to-use features with an ergonomic style. Some software enhancements such as the ORP correlation to the Standard Hydrogen Electrode simplify measurements.



Basic Portable pH/mV/Rel mV/ORP/Temperature Meter Orion 230Aplus

- mV and Rel mV Capability
- ORP mode correlates measurements to Standard Hydrogen Electrode (SHE)
- pH Resolution to 0.01

The Orion 230Aplus is an affordable, durable portable meter for performing routine pH/mV/ORP/temperature measurements in the field, plant or laboratory. Housed in a splash- and chemical-resistant case, this meter includes a built-in electrode storage sleeve and cable management. Calibration is fast, easy and accurate using the two step autocalibration with built-in Auto-Buffer-Recognition, built-

in buffer/temperature tables, custom buffer calibration and automatically calculates and displays electrode slope value. The ORP mode allows the user to standardize to the Standard Hydrogen Electrode for more reproducible measurements. For fast and accurate field measurements, order the package with the No Cal[®] pH electrode (Cat. No. 5107NCWP). Three year limited warranty.

Orion 230Aplus

Orion 230Aplus Specifications

		Specification	Benefit
pH	Range	-2.00 - 19.99	Wide operating range
	Resolution	0.01	
	Relative Accuracy	± 0.02	
	Slope	80 to 120%	Ensure quality of results
	Auto-Buffer-Recognition	4.01, 7.00, 10.01	Quicker calibrations
	Calibration Points	2	Bracket your sample's pH- Improved accuracy
Temperature	Range	-5 to 105.0 °C	
	Resolution	0.1 °C	
	Relative Accuracy	± 0.1 °C	
Millivolt	Range	± 1600.0 mV	
	Resolution	0.1 mV	
	Relative Accuracy	± 0.2 mV or ± 0.05% of reading, whichever is greater	
E_H ORP mode		Yes	Great for water & wastewater applications
Relative Millivolt	Range	± 1999.9	
	Resolution	0.1 mV	
	Accuracy	± 0.2 mV or ± 0.05% of reading, whichever is greater	
Display		Custom LCD	Easy to read
Inputs		1 BNC, 1 pin tip ref, ATC, power	
Power Requirements		One 9 V alkaline/lithium battery, or line adapter for 110 V, 220 V, or 240 V	
Agency Approvals		CE, CSA, UL	Worldwide operation
Environmental Requirements		5 to 45 °C and 5 to 85% relative humidity, non-condensing	

Above data generated under optimal/controlled circumstances.

Orion 230Aplus Ordering Information

Package Includes	Cat. No. for Complete Meter Package	Electrode Cat. No.
Meter, Electrode and Starter Kit	0230A3 with Orion pH Triode™*	9107BNWP Triode
Meter and Electrode	0230A0 with Orion pH Triode™*	9107BNWP Triode
Meter Only	0230A2	
Meter & No Cal® pH Electrode	0230A6 with No Cal pH electrode	5107BNWP

* Replaceable battery, 9 V included.

All Meters and Meter Kits must be purchased with a Plug/Wall adapter at the proper voltage

Adapter		Cat. No.
Plug/Wall adapter, 110 V	Order separately	020125
Plug/Wall adapter, 220 V	Order separately	020130
Plug/Wall adapter, 240 V	Order separately	020135