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Orion 920Aplus

pH/ISE/mV/ORP/Temp

The Orion Aplus meters combine the popular easy-to-use features of the A series with an ergonomic style.

The Orion 920Aplus provides more features than ever before, making this meter easy-to-use and smart.



Multi-Channel ISE/pH/mV/ORP/Temp. Benchtop Meter Orion 920Aplus

- Advanced Features for ISE Measurements
- Automatic Blank Correction Calculations
- Electrode Switchbox Compatible for Up to 7 Channels

The Orion 920Aplus accepts up to five standards for concentration calibration to ensure low-level measurement accuracy. The autoblack correction feature automatically corrects concentration results for background ion levels. Attach the Orion 607 Electrode Switchbox to work with up to seven different electrodes. Other features adding to the ease of use include high and low alarm limits and display hold. Orion 920Aplus advanced ISE features include pre-programmed incremental techniques,

calibration edit, and temperature-compensated ISE measurement. Use calibration edit feature for reviewing calibration standards to determine working range. With GLPdoc™, all measurement parameters, including slope, temperature, mV of standards, and time and date of calibration, automatically print on the optional Orion 900A printer or to a computer via RS232. Three (3) year meter warranty.

Orion 920Aplus

Orion 920Aplus Specifications

	Specification	Benefit	
pH	- Range	- 2.000 to 19.999	Measure pH in any sample
	- Resolution	0.001/0.01/0.1	
	- Relative Accuracy	± 0.002	Improved accuracy
	- Slope	80 to 120%	
	- Auto-buffer Recognition	1.68, 4.01, 7.00, 10.01, 12.46	
	- Calibration Points	5	
Concentration	- Range	0.000 to 19900	Ensure low-level measurement accuracy
	- Resolution	± 1 least significant digit	
	- Relative Accuracy	± 0.5% of reading	
	- Calibration Points	5	
Temperature	- Range	- 5.0 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	
Relative Millivolt	- Range	± 1999.9 mV	
	- Resolution	0.1 mV	
	- Accuracy	± 0.2 mV or ± 0.05% of reading, whichever is greater	
Display	Custom color vacuum fluorescent	Easy to view	
Inputs	2 BNC, 2 pin tip ref, ATC, power, RS232		
Outputs	RS232, 2.5 mm recorder, Karl Fischer		
Power Requirements	AC line, 110 V, 220 V or 240 V		
Agency Approvals	CE, CSA, UL	World wide operation	
Environmental Requirements	5 to 45 °C and 5 to 80% relative humidity, non-condensing		

Above data generated under optimal/controlled circumstances.

Orion 920Aplus Ordering Information

Package Includes	Cat. No. for Complete Meter Package	Electrode Cat. No.
110 V Meter with pH Electrode	0920A0, Includes Orion ROSS Ultra® Combination pH electrode	8102BNUWP
110 V Meter with Electrode Holder/Stand	0920A3, (Includes swing arm stand Orion 090043, order electrode separately)	
110 V Meter and Power Adapter Only	0920A9	
220 V Meter with pH Electrode	0920A1 (Includes Orion ROSS Ultra Combination pH electrode)	8102BNUWP
220 V Meter and Power Adapter Only	0920A8	
240 V Meter and Power Adapter Only	0920A7	
Meter and Manual Only	0920A2 (Order Plug/Wall adapter separately)	

Note: Plug/Wall adapters - 110V (020125), 220V (020130), 240V (020135)