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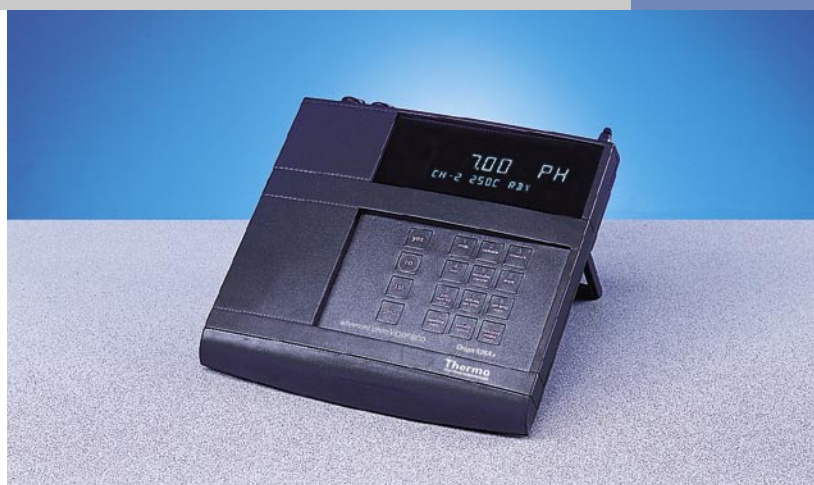
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Orion 525Aplus

pH/mV/ORP/BOD/Temp

The advanced Orion meters offer superior features for research grade analysis. Increased calibration and measurement capabilities provide flexibility for measuring a variety of sample types. Dual channel meters allow use of multiple electrodes on one meter. The GLPdoc™ function provides a hard copy of all calibration and measurement parameters for compliance with GLP requirements.



Advanced Dual Channel Benchtop pH/mV/ORP/BOD/ Temperature Meter Orion 525Aplus

- Dual Electrode Inputs
- 25 Point Datalogging
- Bi-directional RS232 Communications

The Orion 525Aplus is the best choice for advanced pH measurements. Loaded with features, it offers selectable ROSS Resolution™ to 0.001 pH units, choice of a three point autocalibration (built-in Auto-Buffer-Recognition of 5 buffers) or manual calibration, easy-to-understand user prompting and RS232 interface for connection to optional Orion 900A

printer or your computer. Dual channels allow the use of two electrodes at the same time. Designed to switch between channels without having to recalibrate. One channel can be dedicated to pH and the other to pH, ORP, BOD or mV. Packages are available with pH and ORP or pH and BOD electrodes.

Orion 525Aplus

Orion 525Aplus Specifications

		Specification	Benefit
pH	Range	-2.000 - 19.990	Large measurement range
	Resolution	0.1/0.01/0.001	
	Relative Accuracy	± 0.002	pH reading you can trust
	Slope	80 to 120%	
	Auto-Buffer-Recognition	1.68, 4.01, 7.00, 10.01, 12.46	
	Calibration Points	3	Improved accuracy
Temperature	Range	-5 to 105 °C	
	Resolution	0.1 °C	
	Relative Accuracy	± 0.1 °C	
Millivolt	Range	± 1600mV	
	Resolution	0.1 mV	
	Accuracy	± 0.2 mV or 0.05% of reading, whichever is greater	
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 view
Inputs		Two BNC, two pin tip ref, ATC, power, RS232	
Outputs		RS232, Recorder, Karl Fischer	
24 Hour Clock		Yes	
Power Requirements		AC Line, 110V, 220V, 240V	
Agency Approvals		CE, CSA, UL	World wide operation
Environmental Requirements		5 °C to 45 °C and < 85% RH non-condensing	

Above data generated under optimal/controlled circumstances.

Orion 525Aplus Ordering Information

Package Includes	Cat. No. for Complete Meter Package	Electrode Cat. No.
110V w/ROSS Ultra pH Electrode	0525A0, Orion ROSS Ultra® Epoxy body Combination pH	8156BNUWP
110V w/pH Electrode and Starter Package	0525A3, Orion Triode™ 3-in-1 Combination pH	9157BNMD
110V w/pH and BOD Electrode	0525A4, Orion ROSS Ultra Epoxy body Combination pH, Orion Dissolved Oxygen Probe	8156BNUWP 970899WP
110V w/pH and ORP Electrode	0525A6, Orion ROSS Ultra Epoxy body Combination pH Orion 9678BN Combination Epoxy body Redox (ORP)	8156BNUWP 9678BNWP
110V Meter and Power Adapter	0525A9	
220V w/pH and BOD Electrode	0525A5, Orion ROSS Ultra Epoxy body Combination pH, Orion Dissolved Oxygen Probe	8156BNUWP 970899WP
220V w/pH and ORP Electrode	0525A7, Orion ROSS Ultra Epoxy body Combination pH Orion Combination Epoxy body Redox (ORP)	8156BNUWP 9678BNWP
220V Meter and Power Adapter	0525A8	
220V w/pH Electrode	0525A1, Orion ROSS Ultra Epoxy body Combination pH	8156BNUWP
240V Meter and Power Adapter	052507	
Meter and Manual Only	0525A2, Order Plug/Wall Adapter Separately	

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