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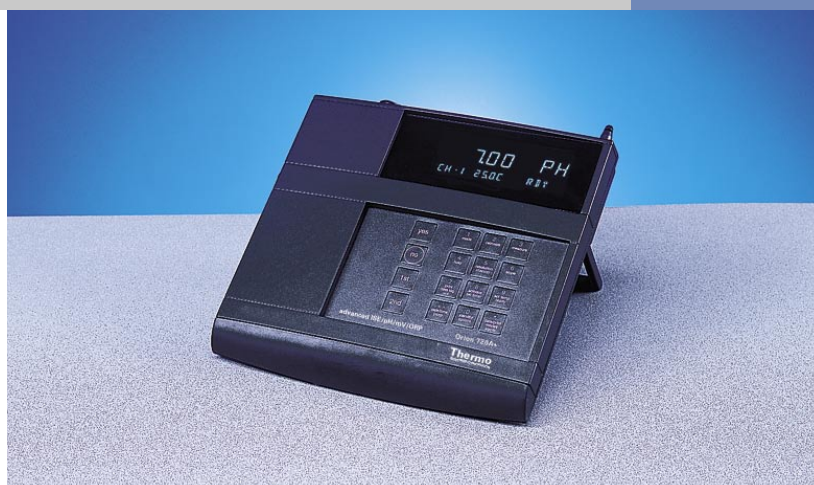
Website: www.ExpotechUSA.com

Orion 720Aplus

pH/ISE/mV/ORP/Temp

The Orion Aplus meters combine the popular easy-to-use features of the A series with an ergonomic style and a three (3) year meter warranty!

Complete test kits are now available for popular ISE measurements. Orion ISE meter, electrode, corresponding filling solution, ISA or NISS, standards, and a swing arm stand are included in a single turn-key package.



Dual Channel ISE/pH/mV/ORP/Temp. Benchtop Meter Orion 720Aplus

- Use up to 5 Standards for Calibration
- Dual Channels for Multiple Analyses
- Meet GLP Requirements with GLPdoc

With dual electrode inputs, the Orion 720Aplus allows two measurements at the same time, perfect for a busy, multi-user laboratory. Measure pH with ROSS Resolution™ to 0.001 pH units. The pH autocalibration feature recognizes five pH buffers using built-in buffer/temperature tables. Express concentration results to three significant digits. Full five point concentration calibration with automatic blank correction improves results of low level

measurements. User prompting walks you through each meter operation. Store data using the internal datalogger or print, via the RS232 with the optional Orion 900A printer or computer. GLPdoc records calibration parameters such as slope, temperature, mV of standards, and time and date of calibration, providing a convenient record-keeping system compatible with "Good Laboratory Practices." Three (3) year meter warranty.

Orion 720Aplus

Orion 720Aplus Specifications

	Specification	Benefit
pH	- Range	- 2.000 to 19.999
	- Resolution	0.001/0.01/0.1
	- Relative Accuracy	± 0.002
	- 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
	- 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 read
Inputs	2 BNC, 2 pin tip ref, ATC, power, RS232	Dual channel
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 720Aplus Ordering Information

Package Includes	Cat. No. for Complete Meter Package	Electrode Cat. No.
110 V with pH Electrode	0720A0, Includes Orion ROSS Ultra® Combination pH electrode	8102BNUWP
110 V with Electrode Holder/Stand	0720A3, Includes swing arm stand Orion 090043, order electrode separately	
110 V Meter and Power Adapter Only	0720A9	
220 V with pH Electrode	0720A1 (Includes Orion ROSS Ultra Combination pH electrode)	8102BNUWP
220 V Meter and Power Adapter Only	0720A8	
240 V Meter and Power Adapter Only	0720A7	
Meter and Manual Only	0720A2 (Order Plug/Wall adapter separately)	

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