

**Orion 720Aplus Advanced Ion Selective Meter**

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

**Product Detail**

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 Advanced Ion Selective Meter**

Product#	Price	Package	
<b>0720A0</b>	-	110V with pH Electrode	SELECT
<b>0720A3</b>	-	110 V with Electrode Holder/Stand	SELECT
<b>0720A9</b>	-	110 V Meter and Adapter Only	SELECT
<b>0720A1</b>	-	220 V with pH Electrode	SELECT
<b>0720A8</b>	-	220 V Meter and Adapter Only	SELECT
<b>0720A7</b>	-	240 V Meter and Adapter Only	SELECT
<b>0720A2</b>	-	Meter and Manual only	SELECT

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 [North America +1 800 225 1480](#)

**Literature Request****Postal Mail:**

- [Orion Laboratory Products Catalog](#)


**Specifications:**

<b>pH Range :</b>	-2.000 to 19.999
<b>pH Resolution :</b>	0.001/0.01/0.1
<b>pH Relative Accuracy :</b>	± 0.002
<b>pH Slope :</b>	80 to 120%
<b>Auto-buffer Recognition :</b>	1.68, 4.01, 7.00, 10.01, 12.46
<b>Calibration Points :</b>	5
<b>Concentration Range :</b>	0.000 to 19900
<b>Concentration Resolution :</b>	± 1 least significant digit
<b>Concentration Relative Accuracy :</b>	± 0.5% of reading
<b>Temperature Range :</b>	-5.0 to 105.0° C
<b>Temperature Resolution :</b>	0.1°C
<b>Temperature Relative Accuracy :</b>	± 0.1°C
<b>Millivolt Range :</b>	± 1600.0 mV
<b>Millivolt Resolution :</b>	0.1 mV
<b>Millivolt Relative Accuracy :</b>	± 0.2 mV or ± 0.05% of reading, whichever is greater
<b>Relative Millivolt Range :</b>	± 1999.9 mV
<b>Relative Millivolt Resolution :</b>	0.1 mV
<b>Relative Millivolt Accuracy :</b>	± 0.2 mV or ± 0.05% of reading, whichever is greater
<b>Display :</b>	Custom color vacuum fluorescent
<b>Inputs :</b>	2 BNC, 2 pin tip, ATC, power, RS232
<b>Outputs :</b>	RS232, 2.5 mm recorder, Karl Fischer
<b>Power Requirements :</b>	AC Line 110V, 115V, 220V or 240 V
<b>Agency Approvals :</b>	CE, CSA, UL
<b>Environmental Requirements :</b>	5°C to 45°C and 5 to 85% relative humidity, non-condensing



[More Images >>](#)

**Downloadable Files:**

 [Orion 720Aplus Quick Start \(111 Kb\)](#)

**Technical Information**

[Orion Aplus Benchtop Manual](#)

[pH, ORP and ISE Theory](#)

[Troubleshooting a pH/ISE system](#)

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