

For more information, please contact us:

[ExpotechUSA](#)
[10700 Rockley Road](#)
[Houston, Texas 77099](#)
[USA](#)

[281-496-0900 \[voice\]](#)

[281-496-0400 \[fax\]](#)

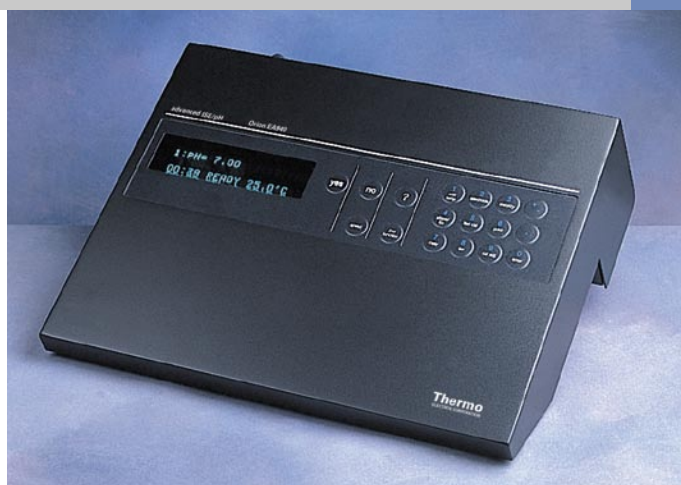
E-mail: sales@expotechusa.com

Website: www.ExpotechUSA.com

Orion's pH/ISE meters offer superior features for research grade analyses. Increased calibration and measurement capabilities provide flexibility for analyzing a variety of sample types. Dual and multi-channel meters allow use of multiple electrodes on one meter.

Orion EA940

Advanced Ion Selective meter



Multi-Channel ISE/pH/mV/ORP/Temp Benchtop Meter Orion EA940

- Advanced Known Addition and Subtraction Methods
- Expandable for Automated Titration
- Electrode Switchbox Compatible for Up to 7 Channels

Ease of operation, data display, retrieval and advanced analytical techniques for performing sophisticated analyses make the Orion EA940 the pH/ISE meter of choice for the multi-user lab or research chemist. With two electrode inputs, you can conveniently switch back and forth between electrodes without recalibrating. Advanced incremental technique analyses require no calibration before measurement. Display

of electrode and channel in use helps prevent measurement mistakes. Other features include pH autocalibration, concentration calibrations using up to five standards, bi-directional RS232, and three print options. The Orion EA940 is also expandable to the fully automatic Orion 960 Titrator PLUS®.

Orion EA940

Orion EA940 advanced ISE/pH benchtop meter with incremental technique capability, the workhorse in the laboratory.

Orion EA940 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%
	- Calibration Points	3
Concentration	- Range	0.00001 to 99999
	- Resolution	± 1 least significant digit
	- Relative Accuracy	± 0.25% of reading
	- Calibration Points	5
Temperature	- Range	- 10.0 to 110.0 °C
	- Resolution	0.1 °C
	- Relative Accuracy	± 0.4 °C
Millivolt	- Range	± 1999.9 mV
	- Resolution	0.1 mV
	- Relative Accuracy	± 0.1 mV or ± 0.05% of reading, whichever is greater
Relative Millivolt	- Range	± 1999.9 mV
	- Resolution	0.1 mV
	- Accuracy	± 0.1 mV or ± 0.05% of reading, whichever is greater
Display	2 line 40 character vacuum fluorescent	Easy to read
Inputs	2 BNC, 2 pin tip ref, ATC, power, RS232	
Outputs	RS232, recorder, Karl Fischer, auxiliary power	
Power Requirements	110/115/220/240 V (± 10%) 50/60 Hz wall outlet	
Agency Approvals	CE, CSA, UL	World wide operation
Environmental Requirements	10 to 35 °C and 5 to 80% relative humidity, non-condensing	

Above data generated under optimal/controlled circumstances.

Orion EA940 Ordering Information

Package Includes	Cat. No. for Complete Meter Package
110 V with Electrode Holder/Stand	094000 (Includes swing arm stand, Orion 090043, order electrode separately)
220 V with Electrode Holder/Stand	094000 (Includes swing arm stand, Orion 090043, order electrode separately)
240 V with Electrode Holder/Stand	094000 (Includes swing arm stand, Orion 090043, order electrode separately)