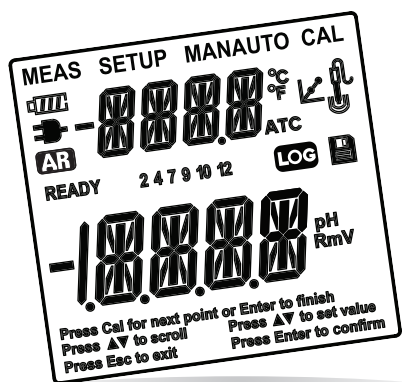
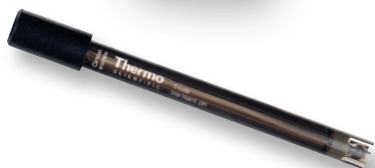


Thermo Scientific Orion Star A121  
pH Portable Meters make it easy  
and affordable to take simple,  
accurate pH measurements.

## Thermo Scientific Orion Star A121 pH Portable Meter



Thermo Scientific Orion Star A121 pH Portable Meters combine simplicity with accuracy. A large LCD displays pH or mV readings along with temperature. Icons provide quick updates on battery life, electrode status and calibration information. Simple button layout and onscreen messages help with calibration and setup menu choices.

### Features and Benefits

- Large, informative screen clearly shows the main information, including pH or mV reading, temperature, meter mode, calibration information and battery life
- Don't miss a reading – AUTO-READ™ locks in the stable reading

- on your screen and ready indicator alerts when readings are stable
- Up to 3 point pH calibration
- Automatic recognition of USA/NIST and DIN buffers
- Easily recall calibration slope data for procedure checks
- Non-volatile memory holds up to 50 data points
- Four AA batteries (included) provide over 2000 hours of operation or purchase the universal power adapter (sold separately) to run meter on AC power
- Perfectly portable, waterproof and protected to take anywhere with a IP67-rated housing
- 3 year meter replacement warranty

## Thermo Scientific Orion Star A121 pH Portable Meter

### Specifications



<b>pH</b>	<b>Range</b>	-2.00 to 16.00
	<b>Resolution</b>	0.1, 0.01
	<b>Relative Accuracy</b>	±0.01
	<b>pH Calibration Points</b>	Up to 3
<b>mV</b>	<b>Range – mV</b>	±1600.0 mV
	<b>Range – RmV</b>	±1999.9 mV
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	±0.2 mV or ±0.05 % of reading whichever is greater
	<b>Relative mV Calibration</b>	Yes
	<b>Temperature</b>	<b>Range</b>
<b>Resolution</b>		0.1
<b>Relative Accuracy</b>		±0.1
<b>Temperature Compensation</b>		Automatic or manual
<b>Temperature Offset Calibration</b>		Yes
<b>Datalogging</b>		<b>Number of Points</b>
	<b>Log Function</b>	Manual, Automatic with AUTO-READ™
	<b>Log Edit</b>	Delete last reading or all
<b>Inputs</b>	<b>pH Electrode</b>	BNC
	<b>ATC Probe</b>	8-pin mini-DIN
<b>Power</b>	<b>AC Adapter</b>	Optional – universal, 100-240 VAC
	<b>Battery Power</b>	Included – 4 AAs
	<b>Battery Life</b>	2000 hrs

### Ordering Information

Cat. No.	Description
<b>Meters Only</b>	
<b>STARA1210</b>	<b>Orion STAR A121 pH Portable Meter</b> - Four AA batteries (installed)
<b>STARA1215</b>	<b>Orion STAR A121 pH Portable Meter Kit</b> - 9107BNMD Orion Triode 3-in-1 pH/ATC probe - Solution kit (60 mL each of pH 4, 7 and 10 buffers; storage solution and cleaning solution) - 911110 rinse solution, 10 pouches - Protective armor with electrode holder - Hard carrying case - Four AA batteries (installed)
<b>Accessories</b>	
<b>STARA-CS</b>	Hard carrying case for Orion Star A-series portable meters
<b>STARA-AR</b>	Armor for Orion Star A-series portable meters, includes electrode holders for pH, conductivity and DO probes
<b>STARA-ESPH</b>	pH electrode holder for Orion Star A-series armor
<b>STARA-ESCD</b>	Conductivity and DO probe holder for Orion Star A-series armor
<b>9157BNMD</b>	Orion Triode 3-in-1 pH/ATC probe, refillable, epoxy body
<b>9107BNMD</b>	Orion Triode 3-in-1 pH/ATC probe, gel-filled, epoxy body
<b>1010003</b>	Optional universal power adapter, 100-240 V, 50/60 Hz
<b>910410</b>	Orion pH 4.01 buffer pouches, 10/pk
<b>910710</b>	Orion pH 7.00 buffer pouches, 10/pk
<b>911010</b>	Orion pH 10.01 buffer pouches, 10/pk
<b>911110</b>	Orion pH rinse solution pouches, 10/pk
<b>916099</b>	Orion pH buffer assortment pack - 60 mL each of pH 4, 7 and 10 buffers; storage solution and cleaning solution D

For more information, contact your local Thermo Scientific products dealer or call our customer and technical service experts at 1-800-225-1480 (for the US and Canada) or visit [www.thermoscientific.com/water](http://www.thermoscientific.com/water).

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