

thermo
scientific



Thermo Scientific Orion Star A211 pH/ORP Meters & Star A214 pH/ORP/ISE Meters

- Top-of-the-line features, but still easy to use
- Record up to 2000 data points with time/date stamp, sample ID and user ID

These advanced benchtop pH/mV meters feature Thermo Scientific Orion quality. Choose the A211 meter or the A214 meter to also measure ISE. Both meters have a large informative screen that lets you simultaneously view the reading, temperature, and meter and probe status icons. Simple button layout and on-screen messages make calibration and setup easy and fast.

Measure in either Continuous mode or AUTO-READ™ mode that locks in the stable reading on your screen. Log and download up to 2000 data points including time/date stamp, sample ID and user ID to your computer or printer using RS-232 or USB. When recording data points in AUTO-READ mode, measurements are automatically stored whenever the "READY" indicator appears.

Easily calibrate pH using 1 to 5 buffers with NIST and DIN buffer recognition. Calibration date, values and slopes are stored in the Calibration Log for later review. Selectable visual and audible alarms alert you to measurements outside your set points. Plain-language screen prompts are available in six languages. The IP54-rated housing handles splashes, and can be wall-mounted to save space. Both meters have a 3-year meter warranty.

Star A214 pH meters do all of the above and more

In addition to the features listed above, the Star A214 meter also takes accurate ISE measurements. It features up to 5-point ISE calibration and advanced features like timed end point, linear point-to-point, non linear selectable auto blank and low-concentration range stability. Calibration editing function lets you fix errors without completely recalibrating.



Thermo Meters & Electrodes up to 30% off!*

pH	
Range:	-2.000 to 20.000 pH
Resolution:	0.1, 0.01, 0.001
Accuracy:	±0.002 pH
Calibration points:	up to 5
mV	
Range:	±2000.0 mV
Resolution:	0.1 mV
Accuracy:	±0.2 mV or ±0.05% of reading, whichever is greater
Concentration (Model A214 only)	
Range:	0 to 19,999 ppm, mg/L, M, %, ppb or none
Resolution:	up to 3 significant digits
Accuracy:	±0.2 mV or ±0.05% of reading, whichever is greater
Calibration points:	up to 5
Temperature	
Range:	-5 to 105°C
Resolution:	0.1
Accuracy:	±0.1
Ready indicator:	yes
Slope calculation & display:	yes
Hold function:	yes
Memory function:	2000 data sets
Data output:	USB and RS-232

Meter includes: electrode arm/holder, universal power adapter, manual and CD with user reference guide. Order electrodes separately.

Meter kit includes: everything listed above plus a pH electrode, electrode storage bottle, 1-oz cleaning solution and 475-mL bottles of pH 4.01, 7.00, 10.00 buffers and storage solution. Star A214 kit also includes a stirring probe and ATC probe.



MFR #	DESCRIPTION	STOCK #	EACH	SALE*
STARA2110	Star A211 pH Meter	44833	\$	\$
STARA2115	Star A211 pH Meter Kit w/ 8302BNUMD Electrode	44839		
STARA2140	Star A214 pH/ISE Meter	44841		
STARA2145	Star A214 pH/ISE Meter Kit w/ 8102BNUWP Electrode	44843		

REFILLABLE pH ELECTRODES

8302BNUMD	Ross Triode pH/ATC, Glass Body	44945	\$	\$
8102BNUWP	Ross Ultra pH Electrode, Glass Body	35564		
—	USABBlueBook pH Electrode, Epoxy Body	86310		
—	USABBlueBook pH Electrode, Glass Body	86297		

REPLACEMENT ITEMS & ACCESSORIES

810007	pH Electrode Fill Solution, (5) 60-mL Bottles	40386	\$	\$
927007MD	ATC Probe, Stainless Steel	40367		
096019	Stirring Probe	35529		

*Select Thermo items on sale; offer expires 6/30/2021.

See page 832 for a wide selection of

Thermo Scientific Orion pH Electrodes.