

### pH/mV/°C meters, bench top, Thermo Scientific Orion®, Star™ A211



- Plain language screen prompts and soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
- AUTO-READ™ locks in the stable reading on your screen, ready indicator alerts when readings are stable and timed reading gathers data in specific time intervals
- Up to 5 point pH calibration with automatic recognition for USA/ NIST and DIN buffers
- Fix calibration errors without a complete recalibration with calibration editing
- Easily transfer data and keep meter software up to date with the USB and RS232 ports and complimentary data analysis software
- Mix samples without a stir plate with direct control of the Star™ stirrer probe (sold separately)
- IP54 rated housing handles splashes and is wall mountable if table space is a problem



The Thermo Scientific Orion® Star™ A211 pH bench top meter is the ideal choice for any lab. Get the information you need quickly and easily from the large, backlit graphic LCD display. Informative display shows pH/mV/RmV and temperature along with electrode status, time, date, sample ID, user ID and calibration points. For advanced users, features such as stability and averaging choices provide additional options.

Please refer to page 584 for all Thermo Scientific Orion® bench top pH meter accessories.

#### Technical Specification - General

pH	Range, pH	-2.000 to 20.000
	Resolution, pH	0.1, 0.01, 0.001
	Accuracy, pH	±0.002
	pH calibration	Up to 5 points, with editing
mV	Range, mV	±2,000.0 (Rel.mV)
	Resolution, mV	0.1, 0.1 (Rel.mV)
	Accuracy, mV	±0.2/(Rel.mV) or ±0.05% of reading whichever is greater
	ORP	Yes (mV/RmV, E, ORP mode)
Temperature	Range, °C	-5 to 105
	Resolution, °C	0.1
	Accuracy, °C	±0.1
	Temperature	1 point (offset calibration)
General	Memory	2,000 with time and date stamp
	Data storage method	Data logging function: manual, ready (includes AUTO-READ™), timed
	Data logging	Editing: delete individual points, group of points or all
	Inputs	pH electrode: BNC, reference pin, ATC probe: 8 pin mini-DIN
	Outputs	RS232, USB
	Electrical supply	Universal power adapter, 100-240V a.c. (included)
	Battery	4 x AAs batteries (not supplied)
	Battery life, hr	800

Catalogue No	Legacy No	Alt. No	Description	Contents
11671449	-	STARA2115	Star™ A211 pH meter kit	Triode 3 in 1 pH/ATC probe and ROSS® solution kit (475mL each of pH 4, 7 and 10 buffers; storage solution, cleaning solution, and pH electrode storage bottle), electrode arm with redesigned holder and universal power adapter
11661449	-	STARA2110	Star™ A211 pH meter	Electrode arm with redesigned holder and universal power adapter