

**Thermo Scientific Orion  
VERSA STAR advanced  
electrochemistry meter is  
your meter as you need it  
– for now and later.**

## Thermo Scientific Orion VERSA STAR™ Advanced Electrochemistry Meter



This versatile meter has a large, color graphic LCD display. The informative display shows readings, connections, time, date, sample ID, user ID and calibration information.

### Features and Benefits

- Select from five modules to customize the 4 channels as you need it – it's versatile for you to configure how you need it for now or for later
- Anyone can use this meter with its plain language screen prompts, soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
- Non-volatile memory holds up to 2000 data points with time and date stamp
- Data transfer and updating meter software is easy with two USB and RS232 ports
- Includes data analysis software for transferring stored results or displaying readings in real-time
- Mix samples without a stir plate with direct control for two Orion Star stirrer probes (096019, sold separately)
- Included electrode arm and newly-designed probe holder make it easier to maintain and place probes into samples
- Works with almost every AC power source with the included universal power adapter
- IP54-rated housing handles splashes
- 3 year meter replacement warranty

### A variety of modules that you can place in any of the four channels.

- **pH/Temperature module allows:**
  - up to 5 point pH calibration with automatic recognition for USA/ NIST and DIN buffers
  - fixing of calibration errors without a complete recalibration with calibration editing
- **Use with the pH/ISE/Temperature module for:**
  - all the benefits of the pH module
  - fixing pH/ISE calibration errors without a complete recalibration with calibration editing
  - advanced ISE benefits such as auto-blank, timed end point, linear point-to-point, non-linear selectable auto-blank, low-concentration range stability, ISE ID and incremental techniques
- **Conductivity/Temperature module offers:**
  - conductivity, TDS, salinity or resistivity capabilities
  - selectable reading reference temperatures of 5, 10, 15, 20 or 25 °C with linear, non-linear, nLFu or EP curve options for conductivity
  - choice of practical salinity or natural sea water curves for salinity readings
- **Dissolved Oxygen/RDO/Temperature module:**
  - Takes the worry out of DO probe compatibility – the meter accepts and automatically recognizes Orion polarographic and RDO optical/luminescence-based probes
  - Compensates automatically for temperature, salinity with manual input and barometric pressure (automatic or manual)
  - Allows for calibration using water-saturated air, air-saturated water, a Winkler titration or zero point
- **Module featuring LogR technology:**
  - includes all of the features of the pH module with the added benefits of:
    - the most advanced electrode diagnostics
    - no temperature sensor needed to get temperature-compensated pH readings

## Description



No need to turn off your meter to switch modules – meter automatically recognizes module changes.

This meter is the complete package – up to four channels to mix and match with easy-to-use key layouts and graphics.

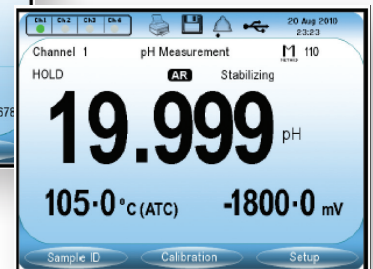
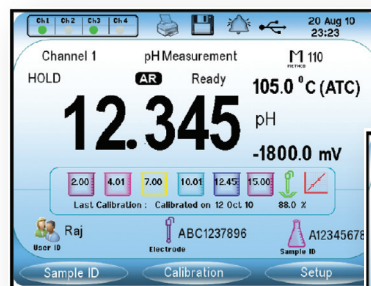
Specifications



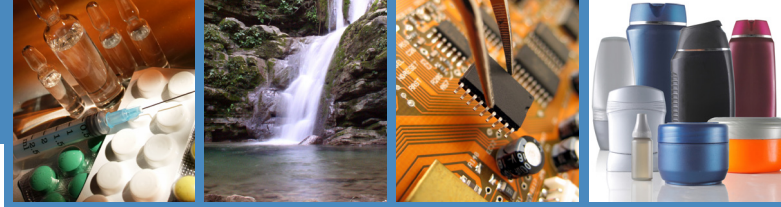
pH Module (VSTAR-PH) Specifications		
<b>pH</b>	<b>Range</b>	-2.000 to 20.000
	<b>Resolution</b>	0.1, 0.01, 0.001
	<b>Relative Accuracy</b>	±0.002
	<b>Calibration Points</b>	Up to 6
	<b>Calibration Editing</b>	Yes
	<b>Adjustable ISO Point</b>	Yes
<b>mV/RmV</b>	<b>Range</b>	±2000.0 mV
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	±0.2 mV or ±0.05 % of reading whichever is greater
	<b>E<sub>H</sub> ORP Mode</b>	Yes
<b>Temperature</b>	<b>Range</b>	-5 to 105 °C, 23 to 221 °F
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	±0.1
	<b>Offset Calibration</b>	1 point
<b>Inputs</b>	pH: BNC, reference pin ATC: 8-pin mini-DIN	

RDO/DO Module (VSTAR-RD) Specifications		
<b>Dissolved Oxygen</b>	<b>Concentration - Polarographic</b>	
	<b>Range</b>	0 to 90 mg/L
	<b>Resolution</b>	0.01, 0.1
	<b>Relative Accuracy</b>	±0.2
	<b>% Saturation - Polarographic</b>	
	<b>Range</b>	0 to 600
	<b>Resolution</b>	0.1, 1
	<b>Relative Accuracy</b>	±2 %
	<b>Concentration - RDO</b>	
	<b>Range</b>	0 to 50 mg/L
	<b>Resolution</b>	0.01, 0.1
	<b>Relative Accuracy</b>	±0.1 mg/L up to 8 mg/L; ±0.2 mg/L from 8 to 20 mg/L; 10 % of reading, 20 to 50 mg/L
	<b>% Saturation - RDO</b>	
	<b>Range</b>	0 to 500
	<b>Resolution</b>	0.1, 1
	<b>Relative Accuracy</b>	±2 %
	<b>Automatic Barometric Pressure Correction</b>	450.0 to 850.0 mm Hg
	<b>Salinity Factor Correction</b>	Automatic when used with conductivity module and probe or manual; 0 to 45 ppt
	<b>Calibration Features</b>	Water saturated air, air saturated water, manual (Winkler) and zero point
	<b>Probe Type</b>	Polarographic or RDO
<b>Temperature</b>	<b>Range</b>	0 to 50 °C, 32 to 122 °F
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	±0.1
	<b>Offset Calibration</b>	1 point
<b>Input</b>	9-pin mini-DIN	

pH/ISE Module (VSTAR-ISE) Specifications		
<b>pH</b>	<b>Range</b>	-2.000 to 20.000
	<b>Resolution</b>	0.1, 0.01, 0.001
	<b>Relative Accuracy</b>	±0.002
	<b>Calibration Points</b>	Up to 6
	<b>Calibration Editing</b>	Yes
	<b>Adjustable ISO Point</b>	Yes
<b>mV/RmV</b>	<b>Range</b>	±2000.0 mV
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	±0.2 mV or ±0.05 % of reading whichever is greater
	<b>E<sub>H</sub> ORP Mode</b>	Yes
<b>ISE</b>	<b>Range</b>	0 to 19999
	<b>Resolution</b>	Up to 4 significant digits
	<b>Relative Accuracy</b>	±0.2 mV or ±0.05 % of reading whichever is greater
	<b>Units</b>	ppm, M, mg/L, %, ppb, none
	<b>Calibration Points</b>	Up to 6
	<b>Calibration Editing</b>	Yes
	<b>Adjustable ISO Point</b>	Yes
	<b>Calibration Features</b>	Timed end point, linear point to point, non-linear selectable auto-blank, low concentration range stability
	<b>Incremental Techniques</b>	Single known addition & subtraction, double known addition & subtraction, single analyte addition & subtraction
	<b>Advanced Features</b>	Displays electrode type, temperature compensation
<b>Temperature</b>	<b>Range</b>	-5 to 105 °C, 23 to 221 °F
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	±0.1
	<b>Offset Calibration</b>	1 point
<b>Inputs</b>	pH/ISE: BNC, reference pin ATC: 8-pin mini-DIN	



Orion VERSA STAR meters can be customized to display only the information that you need.



### Conductivity Module (VSTAR-CND) Specifications

<b>Conductivity</b>	<b>Range</b>	0.001 $\mu$ S to 3000 mS
	<b>Resolution</b>	0.001 $\mu$ S minimum; 4 significant figures minimum
	<b>Relative Accuracy</b>	0.5 % reading $\pm$ 1 digit
	<b>Reference Temperature</b>	5, 10, 15, 20, 25 $^{\circ}$ C
	<b>Temperature Compensation</b>	Linear (0 to 10.0 %/ $^{\circ}$ C), nLn, nLFu, EP
	<b>Compatible Cell Constants</b>	0.001 to 199.9
	<b>Calibration Points</b>	Up to 6 points
	<b>Calibration Editing</b>	Yes
<b>Resistivity</b>	<b>Range</b>	2 ohm to 100 meg-ohm
	<b>Resolution</b>	2 ohms-cm
	<b>Relative Accuracy</b>	0.5 % reading $\pm$ 1 digit
<b>Salinity</b>	<b>Type</b>	Practical salinity or natural sea water
	<b>Range</b>	0.01 to 80.0 ppt NaCl equivalent; 0.01 to 42 ppt practical salinity
	<b>Resolution</b>	0.01
	<b>Relative Accuracy</b>	$\pm$ 0.1
<b>TDS</b>	<b>Range</b>	0 to 200 ppt
	<b>Resolution</b>	4 significant digits
	<b>Relative Accuracy</b>	$\pm$ 0.5 % reading $\pm$ 1 digit
	<b>TDS Factor Range</b>	Linear 0.01 to 10.00
<b>Temperature</b>	<b>Range</b>	-5 to 105 $^{\circ}$ C, 23 to 221 $^{\circ}$ F
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	$\pm$ 0.1
	<b>Offset Calibration</b>	1 point
<b>Input</b>	8-pin mini-DIN	

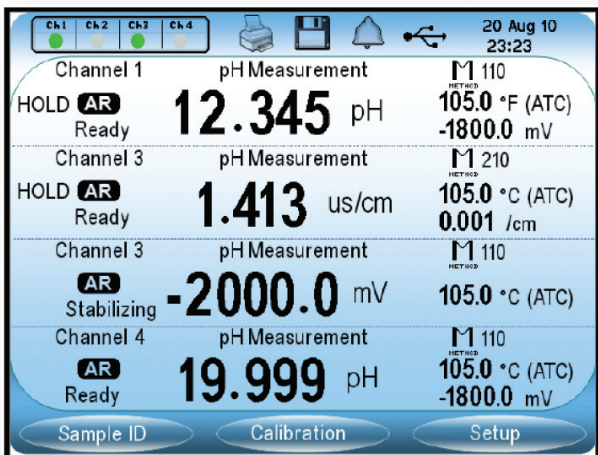
### pH/LogR Module (VSTAR-LR) Specifications

<b>pH</b>	<b>Range</b>	-2.000 to 20.000
	<b>Resolution</b>	0.1, 0.01, 0.001
	<b>Relative Accuracy</b>	$\pm$ 0.002
	<b>Calibration Points</b>	Up to 6
	<b>Calibration Editing</b>	Yes
	<b>Adjustable ISO Point</b>	Yes
<b>mV/RmV</b>	<b>Range</b>	$\pm$ 2000.0 mV
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	$\pm$ 0.2 mV or $\pm$ 0.05 % of reading whichever is greater
	<b>E<sub>H</sub> ORP Mode</b>	Yes
<b>LogR Temperature</b>	<b>Range</b>	0 to 100 $^{\circ}$ C, 32 to 212 $^{\circ}$ F
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	$\pm$ 0.5
	<b>Resistance Range</b>	0 to 6000 M $\Omega$
	<b>Resistance Resolution</b>	0.1 M $\Omega$ up to 1999.9 M $\Omega$ , 1 M $\Omega$ above 1999.9 M $\Omega$
	<b>Offset Calibration</b>	1 point
<b>Calibration Options</b>	ATC probe, NIST reference	
<b>Temperature Measurement without LogR In-Use</b>	<b>Range</b>	-5 to 105 $^{\circ}$ C, 23 to 221 $^{\circ}$ F
	<b>Resolution</b>	0.1
	<b>Relative Accuracy</b>	$\pm$ 0.1
	<b>Offset Calibration</b>	1 point
<b>Inputs</b>	pH: BNC, reference pin ATC: 8-pin mini-DIN	

### Orion VERSA STAR Meter Specifications

<b>Maximum number of modules</b>	4	
<b>Methods</b>	Up to 10	
<b>Datalogging</b>	<b>Number of Points</b>	2000 with time and date stamp
	<b>Log Function</b>	Manual, AUTO-READ™, timed interval, one timed reading
	<b>Log Edit</b>	Delete individual points, group of points or all
<b>Communication Ports</b>	One RS232, two USB ports (one client, one host)	
<b>Orion Star Stirrer Probe Ports</b>	2	
<b>BOD Calculations</b>	BOD, DOUR & SOUR with PC software	
<b>Power</b>	Universal, AC power adapter, 90-260 VAC, 50-60 Hz	

Meter display can show all four channels simultaneously or select the format of channels you wish to display.



Ordering Information

Cat. No.	Description
<b>VSTAR00</b>	<b>Orion VERSA STAR Benchtop Meter</b> - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR10</b>	<b>Orion VERSA STAR pH Benchtop Meter Set</b> - Orion VERSA STAR meter with pH/temperature module - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR12</b>	<b>Orion VERSA STAR pH Benchtop Meter Kit</b> - Orion VERSA STAR meter with pH/temperature module - 8302BNUMD Orion ROSS Triode pH/ATC probe - 096019 Orion Star stirrer probe - 810199 ROSS solution kit (475 mL each of pH 4, 7 and 10 buffers; storage solution; cleaning solution; and pH electrode storage bottle) - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR20</b>	<b>Orion VERSA STAR Conductivity Benchtop Meter Set</b> - Orion VERSA STAR meter - Orion VERSA STAR conductivity/temperature module - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR22</b>	<b>Orion VERSA STAR Conductivity Benchtop Meter Kit</b> - Orion VERSA STAR meter - Orion VERSA STAR conductivity/temperature module - 013005MD Orion DuraProbe conductivity cell, K=0.475 - 011007 conductivity standard, 1413 $\mu$ S, 5x60 mL - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR30</b>	<b>Orion VERSA STAR RDO/Dissolved Oxygen Benchtop Meter Set</b> - Orion VERSA STAR meter - Orion VERSA STAR dissolved oxygen/temperature module - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR32</b>	<b>Orion VERSA STAR RDO/Dissolved Oxygen Benchtop Meter Kit</b> - Orion VERSA STAR meter - Orion VERSA STAR dissolved oxygen/temperature module - 083005MD Orion polarographic DO probe - 080017 calibration sleeve for DO probe - 080513 DO probe maintenance kit - 970802 BOD funnel/stirrer - 080360 BOD adapter - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR40A</b>	<b>Orion VERSA STAR pH/ISE Benchtop Meter Set</b> - Orion VERSA STAR meter - Orion VERSA STAR pH/ISE/temperature module - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR40A2</b>	<b>Orion VERSA STAR pH/ISE Benchtop Meter Kit</b> - Orion VERSA STAR meter - Orion VERSA STAR pH/ISE/temperature module - 8102BNUMD Orion ROSS Ultra pH electrode - 096019 Orion Star stirrer probe - 927007MD ATC probe, stainless steel - ROSS solution kit (475 mL each of pH 4, 7 and 10 buffers; storage solution; cleaning solution; and pH electrode storage bottle) - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR40B</b>	<b>Orion VERSA STAR Benchtop Meter with Two pH/ISE Modules</b> - Orion VERSA STAR meter - Two Orion VERSA STAR pH/ISE/temperature modules - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR40B2</b>	<b>Orion VERSA STAR Benchtop Meter with Two pH/ISE Modules Kit</b> - Orion VERSA STAR meter - Two Orion VERSA STAR pH/ISE/temperature modules - 8102BNUMD Orion ROSS Ultra pH electrode - 096019 Orion Star stirrer probe - 927007MD ATC probe, stainless steel - ROSS solution kit (475 mL each of pH 4, 7 and 10 buffers; storage solution; cleaning solution; and pH electrode storage bottle) - Two electrode arms with redesigned holders - Universal power adapter
<b>VSTAR50</b>	<b>Orion VERSA STAR pH/Conductivity Benchtop Meter Set</b> - Orion VERSA STAR meter - Orion VERSA STAR pH/temperature module - Orion VERSA STAR conductivity/temperature module - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR52</b>	<b>Orion VERSA STAR pH/Conductivity Benchtop Meter Kit</b> - Orion VERSA STAR meter with pH/temperature module - Orion VERSA STAR conductivity/temperature module - 8157BNUMD Orion ROSS Ultra Triode pH/ATC probe - 013005MD Orion DuraProbe conductivity cell, K=0.475 - 810199 ROSS solution kit (475 mL each of pH 4, 7 and 10 buffers; storage solution; cleaning solution; and pH electrode storage bottle) - 011007 conductivity standard, 1413 $\mu$ S, 5x60 mL - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR80</b>	<b>Orion VERSA STAR pH with LogR Benchtop Meter Set</b> - Orion VERSA STAR meter - Orion VERSA STAR pH/temperature with LogR technology module - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR82</b>	<b>Orion VERSA STAR pH Benchtop Meter Kit</b> - Orion VERSA STAR meter - Orion VERSA STAR pH/temperature with LogR technology module - 8172BNX Orion ROSS Sure-Flow pH electrode - 927007MD ATC probe, stainless steel - ROSS solution kit (475 mL each of pH 4, 7 and 10 buffers; storage solution; cleaning solution; and pH electrode storage bottle) - 810007 ROSS fill solution, 5x60 mL - Electrode arm with redesigned holder - Universal power adapter
<b>VSTAR90</b>	<b>Orion VERSA STAR pH/ISE/Conductivity/RDO/Dissolved Oxygen Benchtop Multiparameter Meter Set</b> - Orion VERSA STAR meter - Orion VERSA STAR pH/ISE/temperature module - Orion VERSA STAR conductivity/temperature module - Orion VERSA STAR dissolved oxygen/temperature module - Electrode arm with redesigned holder - Universal power adapter

<b>VSTAR91</b>	<p><b>Orion VERSA STAR pH/ISE/Conductivity/RDO/ Dissolved Oxygen Benchtop Multiparameter Meter Set</b></p> <ul style="list-style-type: none"> <li>- Orion VERSA STAR meter</li> <li>- Two Orion VERSA STAR pH/ISE/temperature modules</li> <li>- Orion VERSA STAR conductivity/temperature module</li> <li>- Orion VERSA STAR dissolved oxygen/temperature module</li> <li>- Two 096019 Orion Star stirrer probes</li> <li>- Two electrode arms with redesigned holders</li> <li>- Universal power adapter</li> </ul>
<b>VSTAR92</b>	<p><b>Orion VERSA STAR pH/ISE/Conductivity/RDO/ Dissolved Oxygen Benchtop Multiparameter Meter Set</b></p> <ul style="list-style-type: none"> <li>- Orion VERSA STAR meter</li> <li>- Orion VERSA STAR pH/ISE/temperature module</li> <li>- Orion VERSA STAR conductivity/temperature module</li> <li>- Orion VERSA STAR dissolved oxygen/temperature module</li> <li>- 8157BNUMD Orion ROSS Ultra Triode pH/ATC probe</li> <li>- 013005MD Orion DuraProbe conductivity cell, K=0.475</li> <li>- 083005MD Orion polarographic DO probe</li> <li>- 080017 calibration sleeve for DO probe</li> <li>- 080513 DO probe maintenance kit</li> <li>- 970802 BOD funnel/stirrer</li> <li>- 080360 BOD adapter</li> <li>- 810199 ROSS solution kit (475 mL each of pH 4, 7 and 10 buffers; storage solution; cleaning solution; and pH electrode storage bottle)</li> <li>- 011007 conductivity standard, 1413 <math>\mu</math>S, 5x60 mL</li> <li>- Electrode arm with redesigned holder</li> <li>- Universal power adapter</li> </ul>
<b>VSTAR93</b>	<p><b>Orion VERSA STAR pH/ISE/Conductivity/RDO/ Dissolved Oxygen Ultimate Benchtop Multiparameter Meter Set</b></p> <ul style="list-style-type: none"> <li>- Orion VERSA STAR meter</li> <li>- Orion VERSA STAR pH/ISE/temperature module</li> <li>- Orion VERSA STAR conductivity/temperature module</li> <li>- Orion VERSA STAR dissolved oxygen/temperature module</li> <li>- 8157BNUMD Orion ROSS Ultra Triode pH/ATC probe</li> <li>- 013005MD Orion DuraProbe conductivity cell, K=0.475</li> <li>- 083005MD Orion polarographic DO probe</li> <li>- Two 096019 Orion Star stirrer probes</li> <li>- 080017 calibration sleeve for DO probe</li> <li>- 080513 DO probe maintenance kit</li> <li>- 970802 BOD funnel/stirrer</li> <li>- 080360 BOD adapter</li> <li>- 810199 ROSS solution kit (475 mL each of pH 4, 7 and 10 buffers; storage solution; cleaning solution; and pH electrode storage bottle)</li> <li>- 011007 conductivity standard, 1413 <math>\mu</math>S, 5x60 mL</li> <li>- Two electrode arms with redesigned holders</li> <li>- Universal power adapter</li> </ul>
<b>Accessories</b>	
<b>VSTAR-PH</b>	Orion VERSA STAR pH/temperature module
<b>VSTAR-ISE</b>	Orion VERSA STAR pH/ISE/temperature module
<b>VSTAR-CND</b>	Orion VERSA STAR conductivity/temperature module
<b>VSTAR-RD</b>	Orion VERSA STAR RDO/DO/temperature module
<b>VSTAR-LR</b>	Orion VERSA STAR pH/temperature with LogR technology module

<b>STARA-BEA</b>	Benchtop electrode arm for Orion Star A-series meters
<b>STARA-HB</b>	Freestanding base for use with Orion Star A-series benchtop electrode arm
<b>STARA-PWR</b>	Replacement universal power adapter for Orion VERSA STAR meters
<b>096019</b>	Orion Star stirrer probe
<b>8102BNUWP</b>	Orion ROSS Ultra pH electrode, refillable, glass body
<b>8172BNWP</b>	Orion ROSS Sure-Flow pH electrode, glass body
<b>8156BNUWP</b>	Orion ROSS Ultra refillable pH electrode, epoxy body
<b>8157BNUMD</b>	Orion ROSS Triode pH/ATC electrode, refillable, epoxy body
<b>8302BNUMD</b>	Orion ROSS Triode pH/ATC electrode, refillable, glass body
<b>8172BNX</b>	Orion ROSS Sure-Flow pH electrode, glass body
<b>8611BNWP</b>	Orion ROSS sodium combination ISE
<b>927007MD</b>	Orion ATC probe, stainless steel body
<b>927005MD</b>	Orion ATC probe, epoxy body
<b>013005MD</b>	Orion DuraProbe conductivity cell, 4-cell, K=0.475
<b>013016MD</b>	Orion conductivity cell, flow through, K=0.1
<b>083005MD</b>	Orion dissolved oxygen probe, polarographic
<b>086030MD</b>	Orion auto-stir DO/BOD probe, polarographic
<b>087010MD</b>	Orion RDO optical DO probe, 3 m cable
<b>810199</b>	Orion ROSS all-in-one pH buffer kit
<b>910104</b>	Orion pH 4.01 buffer, 475 mL
<b>910107</b>	Orion pH 7.00 buffer, 475 mL
<b>910110</b>	Orion pH 4.01 buffer, 475 mL
<b>011008</b>	Orion conductivity standard, 100 $\mu$ S/cm, 5x60 mL bottles
<b>011007</b>	Orion conductivity standard, 1413 $\mu$ S/cm, 5x60 mL bottles
<b>011006</b>	Orion conductivity standard, 12.9 mS/cm, 5x60 mL bottles
<b>1010001</b>	Orion conductivity calibration resistor kit
<b>9512HPBNWP</b>	Orion high-performance ammonia ISE
<b>9512BNWP</b>	Orion standard ammonia ISE
<b>951007</b>	Ammonia standard, 1000 ppm, 475 mL
<b>951210</b>	Low-level ammonia ISA
<b>951211</b>	Ammonia ISA, 475 mL
<b>951209</b>	Fill solution for Orion high-performance ammonia ISE, 60 mL
<b>951202</b>	Fill solution for standard ammonia ISE, 60 mL
<b>951213</b>	Ammonia ISE storage solution
<b>9609BNWP</b>	Orion fluoride combination ISE
<b>040906</b>	Fluoride standard, 1 ppm with TISAB II, 475 mL
<b>040907</b>	Fluoride standard, 2 ppm with TISAB II, 475 mL
<b>040908</b>	Fluoride standard, 10 ppm with TISAB II, 475 mL
<b>940909</b>	TISAB II, 1 gallon
<b>8611BNWP</b>	Orion ROSS sodium combination ISE

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).

©2011 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries. ROSS and the COIL traddress are trademarks of Thermo Fisher Scientific Inc. US Patent 6,793,787.



S-VERSASTAR-E-0811-RevA

Water Analysis Instruments  
[www.thermoscientific.com/water](http://www.thermoscientific.com/water)

**North America**  
166 Cummings Center  
Beverly, MA 01915 USA  
Toll Free: 1-800-225-1480  
Tel: 1-978-232-6000  
info.water@thermo.com

**Netherlands**  
Tel: (31) 033-2463887  
info.water.uk@thermo.com

**China**  
Tel: (86) 21-68654588  
wai.asia@thermofisher.com

**India**  
Tel: (91) 22-4175-8800  
wai.asia@thermofisher.com

**Singapore**  
Tel: (65) 6778-6876  
wai.asia@thermofisher.com

**Japan**  
Tel: (81) 045-453-9175  
wai.asia@thermofisher.com

**Australia**  
Tel: (613) 9757-4300  
infowaterau@thermofisher.com

**Thermo**  
SCIENTIFIC