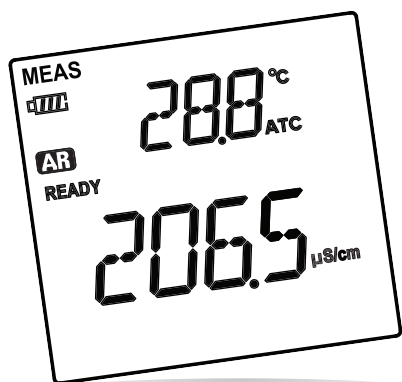
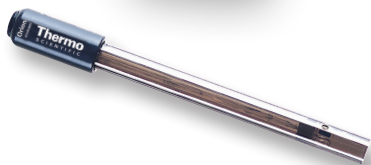


Thermo Scientific Orion Star A122  
Conductivity Portable Meters  
make it easy and affordable  
to take simple, accurate  
conductivity measurements.

## Thermo Scientific Orion Star A122 Conductivity Portable Meter



Thermo Scientific Orion Star A122 Conductivity Portable Meters combine simplicity with accuracy. A large LCD displays conductivity or TDS readings along with temperature. Icons provide quick updates on battery life and completed calibration status. 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 conductivity or TDS reading, temperature in °C or °F, meter mode 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

- Selectable cell constant
- Manual calibration or automatic calibration when using a Thermo Scientific Orion conductivity standard (sold separately)
- Selectable reading reference temperatures of 20 °C or 25 °C for an accurate result
- 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 A122 Conductivity Portable Meter

### Specifications



<b>Conductivity</b>	<b>Range</b>	0.1 µS/cm to 200 mS/cm
	<b>Resolution</b>	0.01 µS minimum; 3 significant figures minimum
	<b>Relative Accuracy</b>	0.5 % reading ±1 digit
	<b>Reference Temperature</b>	20, 25 °C (default)
	<b>Temperature Compensation</b>	Linear (0.0 to 10.0 %/°C)
	<b>Compatible Cell Constants</b>	0.001 to 10
	<b>Number of Calibration Points</b>	1
	<b>TDS</b>	<b>Range</b>
<b>Resolution</b>		4 significant digits
<b>Relative Accuracy</b>		0.5 % reading ±1 digit
<b>TDS Factor Range</b>		Linear 0.01 to 10.00, default 0.49
<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>Temperature Offset Calibration</b>	Yes
<b>Datalogging</b>	<b>Number of Points</b>	50
	<b>Log Function</b>	Manual, Automatic with AUTO-READ™
	<b>Log Edit</b>	Delete last reading or all
<b>Inputs</b>	<b>Conductivity</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>STARA1220</b>	<b>Orion STAR A122 Conductivity Portable Meter</b> - Four AA batteries (installed)
<b>STARA1225</b>	<b>Orion STAR A122 Conductivity Portable Meter Kit</b> - 011050MD Orion conductivity cell, K=1.0 - 011007 conductivity standard, 1413 µS, 5x60 mL - 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-ESCD</b>	Conductivity and DO probe holder for Orion Star A-series armor
<b>STARA-ESPH</b>	pH electrode holder for Orion Star A-series armor
<b>011050MD</b>	Orion 2-electrode conductivity cell, K=1.0
<b>1010003</b>	Optional universal power adapter, 100-240 V, 50/60 Hz
<b>011008</b>	Orion conductivity standard, 100 µS/cm, 5x60 mL bottles
<b>01100710</b>	Orion conductivity standard pouches, 1413 µS/cm, 10/pk
<b>01100610</b>	Orion conductivity standard pouches, 12.9 mS/cm, 10/pk
<b>911110</b>	Rinse solution, 10/pk
<b>1010001</b>	Orion conductivity calibration resistor kit

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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