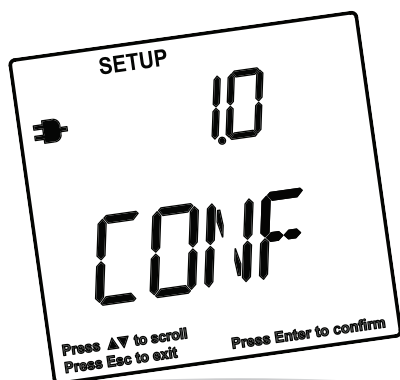


Thermo Scientific Orion Star A112
Conductivity Benchtop Meters
make it easy and affordable
to take simple, accurate
conductivity measurements.

Thermo Scientific Orion Star A112 Conductivity Benchtop Meter



Thermo Scientific Orion Star A112 Conductivity Benchtop 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 power source
- 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
- Selectable reading reference temperatures of 20 °C or 25 °C for an accurate result
- Included electrode arm and newly-designed holder make it easier to maintain and place probes into samples
- Plug the meter into almost any power outlet with the included universal power adapter, or use four AA batteries (sold separately) to run the meter on DC power
- Non-volatile memory holds up to 50 data points
- The IP54-rated housing can handle splashes and can be wall-mounted if table space is a problem
- 3 year meter replacement warranty

Thermo Scientific Orion Star A112 Conductivity Benchtop Meter

Specifications



Conductivity	Range	0.1 μ S/cm to 200 mS/cm
	Resolution	0.01 μ S minimum; 3 significant figures minimum
	Relative Accuracy	0.5 % reading \pm 1 digit
	Reference Temperature	20, 25 °C (default)
	Temperature Compensation	Linear (0.0 to 10.0 %/°C)
	Compatible Cell Constants	0.001 to 10
	Number of Calibration Points	1
	TDS	Range
Resolution		4 significant digits
Relative Accuracy		0.5 % reading \pm 1 digit
TDS Factor Range		Linear 0.01 to 10.00, default 0.49
Temperature	Range	-5 to 105 °C, 23 to 221 °F
	Resolution	0.1
	Relative Accuracy	\pm 0.1
	Temperature Offset Calibration	Yes
Datalogging	Number of Points	50
	Log Function	Manual, Automatic with AUTO-READ™
	Log Edit	Delete last reading or all
Inputs	Conductivity with Temperature Probe	8-pin mini-DIN
Power	AC Adapter	Included – universal, 100-240 VAC
	Battery Power	Optional – 4 AAs
	Battery Life	2000 hrs

Ordering Information

Cat. No.	Description
Meters Only	
STARA1120	Orion STAR A112 Conductivity Benchtop Meter - Electrode arm with redesigned holder - Universal power adapter
STARA1125	Orion STAR A112 Conductivity Benchtop Meter Kit - 011050MD orion conductivity cell, K=1.0 - 011007 conductivity standard, 1413 μ S, 5x60 mL - Electrode arm with redesigned holder - Universal power adapter
Accessories	
STARA-BEA	Benchtop electrode arm for Orion Star A-series meters
STARA-HB	Freestanding base for use with Orion Star A-series benchtop electrode arm
011050MD	Orion 2-electrode conductivity cell, K=1.0
013016MD	Orion 2-electrode conductivity cell with flow cell, K=0.1
011008	Orion conductivity standard, 100 μ S/cm, 5x60 mL bottles
011007	Orion conductivity standard, 1413 μ S/cm, 5x60 mL bottles
011006	Orion conductivity standard, 12.9 mS/cm, 5x60 mL bottles
1010001	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.

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