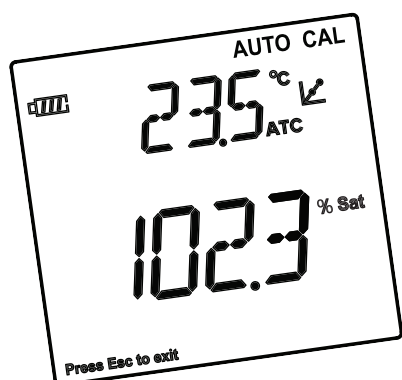


Thermo Scientific Orion Star A123 Dissolved Oxygen Portable Meters make it easy and affordable to take simple, accurate dissolved oxygen measurements.

## Thermo Scientific Orion Star A123 Dissolved Oxygen Portable Meter



Thermo Scientific Orion Star A123 Dissolved Oxygen Portable Meters combine simplicity with accuracy. A large LCD displays dissolved oxygen 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 DO reading in mg/L or % saturation, temperature in °C or °F, meter mode and battery life
- Automatic temperature, manual salinity input and manual barometric pressure compensation for an accurate result
- Don't miss a reading – AUTO-
- READ™ locks in the stable reading on your screen and ready indicator alerts when readings are stable
- Two calibration options to meet your procedural requirements: water-saturated air method or a Winkler titration
- Accepts Thermo Scientific Orion polarographic dissolved oxygen probes
- 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 A123 Dissolved Oxygen Portable Meter

### Specifications



<b>Dissolved Oxygen</b>	<b>Concentration</b>	
	Range	0 to 20 mg/L
	Resolution	0.01, 0.1
	Relative Accuracy	±0.2
	<b>% Saturation</b>	
	Range	0 to 200
	Resolution	0.1, 1
	Relative Accuracy	±2 %
	<b>Manual Barometric Pressure Correction</b>	450.0 to 850.0 mm Hg
	<b>Manual Salinity Factor Correction</b>	0 to 45
<b>Calibration Features</b>	Water-saturated air, manual (Winkler)	
<b>Sensor Type</b>	Polarographic	
<b>Temperature</b>	Range	0 to 50 °C, 32 to 122 °F
	Resolution	0.1
	Relative Accuracy	±0.1
	Temperature Offset Calibration	Yes
<b>Datalogging</b>	Number of Points	50
	Log Function	Manual, Automatic with AUTO-READ™
	Log Edit	Delete last reading or all
<b>Inputs</b>	<b>DO with Temperature Probe</b>	9-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>STARA1230</b>	<b>Orion STAR A123 Dissolved Oxygen Portable Meter</b> - Four AA batteries (installed)
<b>STARA1235</b>	<b>Orion STAR A123 Dissolved Oxygen Portable Meter Kit</b> - 083005MD Orion polarographic DO probe - 080017 calibration sleeve for DO probe - 080513 DO probe maintenance kit - 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>083005MD</b>	Orion polarographic DO probe, 1.5 m cable
<b>080513</b>	Orion polarographic DO probe maintenance kit
<b>080017</b>	Calibration sleeve for Orion polarographic DO probes
<b>1010003</b>	Optional universal power adapter, 100-240 V, 50/60 Hz

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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