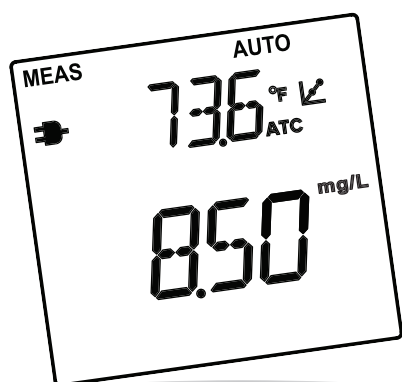


Thermo Scientific Orion Star A113 Dissolved Oxygen Benchtop Meter

Thermo Scientific Orion Star A113 Dissolved Oxygen Benchtop Meters make it easy and affordable to take simple, accurate dissolved oxygen measurements.



Thermo Scientific Orion Star A113 Dissolved Oxygen Benchtop Meters combine simplicity with accuracy. 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 power source
- 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 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
- 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)
- The IP54-rated housing can handle splashes and can be wall-mounted if table space is a problem
- 3 year meter replacement warranty

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Specifications



Dissolved Oxygen	Concentration	
	Range	0 to 20 mg/L
	Resolution	0.01, 0.1
	Relative Accuracy	±0.2
	% Saturation	
	Range	0 to 200
	Resolution	0.1, 1
	Relative Accuracy	±2 %
	Manual Barometric Pressure Correction	450.0 to 850.0 mm Hg
	Manual Salinity Factor Correction	0 to 45 ppt
Temperature	Calibration Features	Water-saturated air, manual (Winkler)
	Sensor Type	Polarographic
	Range	0 to 50 °C, 32 to 122 °F
	Resolution	0.1
	Relative Accuracy	±0.1
Datalogging	Temperature Offset Calibration	Yes
	Number of Points	50
	Log Function	Manual, Automatic with AUTO-READ™
Inputs	Log Edit	Delete last reading or all
	DO with Temperature Probe	9-pin mini-DIN
Power	Power Cord	Included – universal, 100-240 VAC
	Battery Power	Optional – 4 AAs
	Battery Life	2000 hrs

Ordering Information

Cat. No.	Description
Meters Only	
STARA1130	Orion STAR A113 Dissolved Oxygen Benchtop Meter - Electrode arm with redesigned holder - Universal power adapter
STARA1135	Orion STAR A113 Dissolved Oxygen Benchtop Meter Kit - 083005MD Orion polarographic DO probe - 080017 calibration sleeve for DO probe - 080513 DO probe maintenance kit - 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
083005MD	Orion polarographic DO probe, 1.5 m cable
080513	Orion polarographic DO probe maintenance kit
080017	Calibration sleeve for Orion polarographic DO probes
970802	Orion BOD funnel and stirrer for use with polarographic probes
080360	Orion BOD bottle adapter for use with polarographic probes

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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Water Analysis Instruments
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

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