

Water Quality Meters

YSI 550A Dissolved Oxygen Instrument

The YSI 550A DO instrument features a waterproof (IP67), impact-resistant case and innovative field-replaceable DO electrode modules. Measure dissolved oxygen and temperature simultaneously using YSI's proven polarographic technology for oxygen and YSI's Temperature Precision™ thermistors, the planet-wide standard for accuracy. The new PE membranes provide faster response times with less stirring dependence – saving you time with every reading!

FEATURES

- Faster response time!
- Waterproof! Meets IP67 specifications
- Field-replaceable DO electrode modules
- Screw on cap membranes
- New PE membranes lessen stirring dependence!
- Over 2000 hours of battery life
- Calibrate in either mg/L or % saturation
- User-selectable temperature units (°C or °F)
- 12, 25, 50, and 100 foot cable lengths
- Manual salinity input from 0 to 70 ppt
- Three year instrument warranty, one-year on the DO module!



SPECIFICATIONS

Operating Environment:	Fresh, sea, or polluted water	Temperature Specifications:	
Range:	0 to 500% air saturation 0 to 50 mg/L	Range:	-5° to 45°C
Resolution:	0.1% air saturation or 1% selectable 0.01 mg/L or 0.1 mg/L selectable	Resolution:	0.1°C
Accuracy:		Accuracy:	±0.3°C
0-200 %	±2% air sat. or ±2% of reading, whichever is greater	Parameter Compensation:	Automatic temperature compensation for dissolved oxygen
200-500%	±6% of reading		Automatic salinity compensation (0-70 ppt) for dissolved oxygen
0-20 mg/L	±0.3 mg/L or ±2% of reading, whichever is greater		Altitude compensation for calibration
20-50 mg/L	±6% of reading	Size:	4.7" W x 9" L (11.9 cm x 22.9 cm)
Dissolved Oxygen Sensor:	Steady-state polarographic	Weight with Batteries:	2 lbs. (0.91 kg)
Dissolved Oxygen Probe:	Field-replaceable module	Power:	4 alkaline C cells
Temperature Units:	Celsius or Fahrenheit, user selectable	Battery Life:	Over 2000 hours at 25°C
		Cables:	12, 25, 50, or 100 foot lengths
		Warranty:	3 years for the instrument 1 year for the DO Module

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.
 2650 East 40th Avenue • Denver, Colorado 80205
 (303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242
 email: sales@geotechenv.com website: www.geotechenv.com