

Water Quality Meters

YSI EcoSense EC300A Conductivity/Temperature Meter

The YSI EC300A is designed for quick, accurate results in an economical platform. The ability to measure conductivity, salinity, TDS and temperature in a simple compact instrument allows the instrument to be used across multiple application sampling strategies.

FEATURES

- IP67 Waterproof housing
- Rugged, weighted probe assembly
- Automatic temperature compensation
- 4- and 10-meter field cables available
- Conductivity, Salinity, TDS, Temperature
- Super-stable, four-electrode conductivity cell designed for the field
- Calibration back-up
- Audio feedback
- 1-Year instrument, electrode and cable warranty
- Auto shutoff function after 30 minutes of inactivity
- 50 data set memory
- CE compliant
- Calibration solutions available



SPECIFICATIONS

Temperature:	
Range	-10° to +90°C (14° to 194°F)
Resolution	0.1°C
Accuracy	±0.2°C or ±0.4%, whichever is greater
Conductivity:	0.0 µS to 200 mS, with auto ranging
Range	Resolution Accuracy (meter & probe)
0 to 499.9 µS/cm	0.1 µS/cm ±(1% of reading +2 µS/cm)
0 to 4999 µS/cm	1 µS/cm ±(1% of reading +5 µS/cm)
0 to 49.99 mS/cm	0.01 mS/cm ±(1% of reading +0.05 µS/cm)
0 to 200.0 mS/cm	0.1 mS/cm ±(1% of reading +0.5 mS/cm)
Salinity:	
Range	Calculated; 0.0 to 70.0 ppt
Resolution	0.1 ppt
Accuracy	±0.2% FS
Total Dissolved Solids:	TDS in g/L calculated; enter constant values from 0.30 to 1.00, default value 0.65
General:	
Reference Temp	15.0° to 25.0°C (59° to 77°F)
Temp Coefficient	0.0% to 4.0%
Default Cell Constant	5.00
Cell Constant Range	4.50 to 5.50
ATC Probe	Thermistor, 10KΩ at 25°C

Operating Range:

Temperature 0° to 50°C (32° to 122°F)
Relative Humidity up to 95%

Size: 3.1" W x 7.25" L x 1.45" D
(78mm x 184mm x 37mm)

Weight w/Battery: 0.6 lb. (272 gm)

Battery: One 9 volt included with purchase
Battery Life 500 hours

Calibration Back-up: Yes

Audio Feedback: Yes, all keys

Autolock Feature: Yes

Memory: 50 data set reviewable memory

Auto Shutoff: Automatically powers off after 30 minutes of inactivity

Water Rating: IP67 Waterproof

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