

## EC30A CONDUCTIVITY TESTER

Test conductivity, TDS, salinity, and temperature



- Auto ranging meter
- High accuracy multi-range conductivity cell
- Waterproof
- 1 or 2 point calibration
- Saves up to 50 readings
- Automatic temperature compensation

### Description

The EcoSense EC30A pen-style conductivity testers provide the ultimate feature set over similar competitive models. The testers feature an easy-to-use graphic interface with an easy to read display and on screen instructions. They offer simple one-hand operation, memory, and low cost of ownership over the life of the product. The EC30A gives you the ability to select your units of measure for conductivity, TDS, and temperature measurements. You also have the ability to set the conductivity or TDS range to what you want or allow the instrument to auto-range as it makes it's measurement. The easy, user-replaceable electrode ensures the conductivity tester is always ready for use. Featuring advanced microprocessor technology, the instrument offers one or two point calibration and automatic temperature compensation (ATC). The last calibration data is stored by the tester in a GLP record for later review. The EC30A pen-style testers are IP67 rated for wet environments. They can save up to 50 readings even if the power is lost. The conductivity testers also have data hold to lock the reading on the display, auto shut-off, and low battery indicator features. The EC30A instruments are ideal for aquaculture/aquariums, surface water, agriculture/hydroponics, and wastewater applications. This line of conductivity testers comes with a one year instrument and electrode warranty.

### Specifications

*Conductivity Range:* 0.0  $\mu$ S to 19.90 mS, manual or auto ranging  
*Conductivity Accuracy:*  $\pm$ 1% FS  
*Conductivity Resolution:* 5 $\mu$ S/cm (0 to 1990  $\mu$ S/cm), 0.05 mS/cm (2.00 to 19.90 mS/cm)  
*Temperature Range:* 32.0° to 212°F (0.0° to 99.5°C)  
*Temperature Accuracy:*  $\pm$ 1°F ( $\pm$ 0.5°C)  
*Temperature Resolution:* 1°F (0.5°C)  
*TDS Range:* Calculated from conductivity measurement  
*TDS Constant:* 0.50  
*Conductivity Temperature Compensation:* AUTO 32.0 to 140°F (0.0 to 60.0°C)  
*Conductivity Temperature Coefficient:* 1.06%/°F (1.91%/°C)  
*Conductivity Reference Temperature:* 77°F (25°C)  
*Temperature Sensor:* Thermistor, 10 k at 77°F (25°C)  
*Display:* 98x64 graphic LCD  
*Battery:* Four LR44 alkaline (included with conductivity tester)  
*Battery Life:* > 200 hours (low battery indicator)  
*Memory:* Non-volatile; 50 sets; erase all data function  
*Operating Temperature Range:* 32.0 to 122°F (0.0 to 50.0°C)  
*IP Rating:* IP67  
*Size:* Size: 0.9x7.4x1.8 inch (23x188x46mm)  
*Weight:* 3.7oz (105g) with batteries

### Options and Accessories

#### EC30A Conductivity Tester (PN# 606EC30)

Includes meter and conductivity cell, batteries, and instruction manual.

#### 606114 Electrode replacement kit (PN# 606114)

Includes conductivity tester electrode, electrode collar, 2 O-rings, and sensor cap.

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