

## EC410 Conductivity Probe Kit

Waterproof Conductivity Probe with calibration solutions.



- Autoranging meter
- High accuracy multi-range conductivity tester cell
- Waterproof conductivity tester
- Self calibration on power up
- Saves up to 15 readings
- Automatic Temperature Compensation

### Description

The EC410 Conductivity Probe Kit is a convenient package that includes a highly accurate waterproof multiranging probe that measures four parameters – Conductivity, TDS, Salinity, and Temperature. The conductivity probe offers three ranges of measurements from tap water to wastewater and any aqueous solution requiring a conductivity, TDS, or salinity measurement. The conductivity probe can display several different units of measure including uS/cm, mS/cm, ppm, ppt, mg/L, g/L, °F, and °C. The LCD for the conductivity probe is a large 3-1/2 digit display with an analog bar graph to indicate trends. The conductivity tester also simultaneously displays conductivity, TDS, or Salinity plus temperature.

The EC410 Conductivity Probe Kit comes with three calibration standards for the conductivity probe. The conductivity probe has automatic standard recognition of the standards and automatically compensates at 2% per °C. The conductivity probe includes an adjustable conductivity to TDS ratio factor that allows for convenient calculation of the TDS value. The conductivity probe self calibrates on power up and has an easy to replace conductivity probe cell module. The conductivity probe can save up to 15 readings for easy recall. The conductivity probe was designed to the IP67 standard for wet environments. The EC410 Conductivity Probe Kit includes an EC400 conductivity meter with sensor, protective sensor cap, 84uS, 1413uS, and 12880uS standards (30mL bottle each), weighted base, 3 sample cups with cap, four 1.5V button batteries, and 48"(1.2m) neckstrap, and carrying case.

### Specifications

*Conductivity Range:*

0 to 199.9uS  
200 to 1999uS  
2.00 to 19.99mS

*TDS/Salinity Range:*

0 to 99.9ppm (mg/L)  
100 to 999ppm (mg/L)  
1.00 to 9.99ppt (g/L)

*Temperature Range:* 32° to 149°F (0° to 65°C)

*Max. Resolution:*

0.1uS/cm, 0.1ppm (mg/L), 0.1°F/°C  
1uS/cm, 1ppm (mg/L), 0.1°F/°C  
0.01mS/cm, 0.01ppt (g/L), 0.1°F/°C

*Accuracy:* +2%FS, +2%FS, +1.8°F/1°C

*Power:* four SR44W button batteries

*Size:* 9.5x6.8x2.8" (241x173x71mm)

*Weight:* 1.56lbs (710g)

### Options and Accessories

**EC410 Conductivity Probe Kit**

Includes an EC400 conductivity meter with sensor, protective sensor cap, 84uS, 1413uS, and 12880uS standards (30mL bottle each), weighted base, 3 sample cups with cap, four 1.5V button batteries, and 48"(1.2m) neckstrap, and carrying case.

**EC400 Spare Conductivity Probe**

Includes meter and conductivity cell, protective sensor cap, sample cup with cap, four SR44W button batteries, and 48"(1.2m) neckstrap.

**EC405 Spare conductivity tester cell**

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