

YSI Pro30 Conductivity Meter

The YSI Pro30 is a rugged, versatile and economical handheld conductivity meter, which measures salinity, conductivity, specific conductance, total dissolved solids and temperature.

Equipped with a 4-electrode conductivity cell built directly into the cable bulkhead, the electrodes require minimal maintenance and cells can be easily cleaned with a small conductivity brush.

Designed for rugged field performance, providing years of accurate data.

Instrument Only. Cables, probes/sensors, and accessories are sold separately.

Features

- User-replaceable cables
- Smart calibration
- IP-67 rated
- Rubber over-moulded case
- Low total cost of ownership
- Stores 50 data sets
- Graphic, backlit display and glow-in-the-dark keypad
- Available with 1, 4, 10, 20, and 30-m cable lengths standard
- 3-year instrument warranty; 2-year cable warranty
- Conductivity sensor is part of the cable
- Cable will work with the YSI Pro30, ProQuatro and Pro Plus water quality meters

Compatibility Options & Accessories

- Pro Series Conductivity Field Cable
- Conductivity Calibrator Solution
- YSI Pro30
- YSI ProQuatro
- YSI Pro Plus

Applications

- Surface water monitoring
- Groundwater monitoring



Cable & Probe Assembly Lengths	Standard lengths of 1, 4, 10, 20, or 30 meters
Dimensions	8.3 cm W x 21.6 cm L x 5.6 cm D
Weight	475 grams
Connector	MS (military spec) waterproof with bayonet lock
Parameters Measured	Conductivity, Salinity, Total Dissolved Solids (TDS), Temperature
Power	2 alkaline C-cells provide 400 continuous hours at ambient temperature without backlight
User Calibratable	Yes
User Replaceable	Yes
Memory	50 data sets
Certification	RoHS, IP-67, Assembled in USA, CE, 1-meter drop test, WEEE

Pro30 System Specifications (Instrument, Cables & Sensors)

Conductivity* (µS, mS)	Range 0 to 200 mS/cm Accuracy: 1 m, 4 m cables: ±1.0% / 10 m, 20 m, 30 m cables: ±2.0% Resolution - 0.0001 to 0.1 mS/cm
Salinity (ppt, PSU)	Range 0 to 70 ppt Accuracy: ±1% Resolution 0.01 ppt
Temperature (°C, °F, K)	Range -5 to 55°C Accuracy: ±0.3°C Resolution 0.1°C
Total Dissolved Solids (TDS) (mg/L, kg/L, g/L)	Range 0 to 100 g/L TDS constant range 0.30 to 1.00 Accuracy: Dependent on temp, conductivity and TDS Resolution 0.001, 0.01,