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#### Parameters:

Conductivity

Specific Conductance

Salinity

Total Dissolved Solids (TDS)

Temperature

## YSI Pro30 Conductivity Instrument

Handheld Conductivity, Salinity, Specific Conductance, TDS (total dissolved solids), Temperature

Rugged and reliable, the YSI Pro30 is ideal in any field application for the measurement of conductivity. The Pro30 features user-replaceable cables in lengths up to 30-meters, 50 data set memory, and a simple calibration routine. True field performance is verified with the IP-67 waterproof and impact resistant case - drop tested at 1-meter. Additionally, the YSI super-stable 4-electrode conductivity cell is so reliable it is built directly into the 2-year warranty cable.

- 3-year instrument; 2-year cable and sensor warranty
- User-replaceable cables. Conductivity sensor built into cable. Choose among 1-, 4-, 10-, 20-, or 30-meter cables.
- Fast cal routine allows easy calibrations with the press of a button. Remembers the previous calibration values and simply walks you through the routine.
- Stores 50 data sets; no need to write down data
- Graphic, backlit display and glow in the dark keypad
- Tough. IP-67, impact-resistant, waterproof case even without the battery cover. Rubber over molded case provides extra durability.
- Rugged, military spec connectors. Bayonet style with keyed-quarter-turn lock.
- Super-stable, weighted 4-electrode conductivity sensor is built in for true field performance and designed for rugged conditions. Easily cleaned with a conductivity cleaning brush.

The Pro30 is an ideal meter for field work. Tough, smart and versatile. Replacement for the Model 30 conductivity handheld.

## Pro30 System Specifications (instrument w/ cable and sensor)

Conductivity (mS, $\mu$ S)	Sensor Type	Four-electrode cell
	Range	0 to 200 mS/cm (auto range)
	Accuracy	1- or 4-m cable, $\pm 1.0\%$ of the reading or 1.0 $\mu$ S/cm, whichever is greater; 10-, 20-, or 30-m cable, $\pm 2.0\%$ of the reading or 1.0 $\mu$ S/cm, whichever is greater
	Resolution	0.0001 to 0.1 mS/cm (range dependent)
Salinity (ppt, PSU)	Range	Calculated - 0 to 70 ppt
	Accuracy	$\pm 1.0\%$ of the reading or 0.1 ppt, whichever is greater
	Resolution	0.1 ppt
Temperature ( $^{\circ}$ C, $^{\circ}$ F)	Range	-5 to 55 $^{\circ}$ C (23 $^{\circ}$ C to 131 $^{\circ}$ C)
	Accuracy	$\pm 0.2$ $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
Total Dissolved Solids (TDS) (kg/L, g/L)	Range	Calculated - 0 to 100 g/L TDS; constant range 0.30 to 1.00 (0.65 default)
	Accuracy	Dependent on temp, conductivity and TDS constant; calculated from those parameters
	Resolution	0.001, 0.01, 0.1 g/L

## Pro30 Instrument Specifications

Conductivity	$\pm 0.5\%$ of reading or 1.0 $\mu$ S/cm, whichever greater
Size	8.3 cm width x 21.6 cm length x 5.7 cm depth (3.25 in. x 8.5 in. x 2.25 in.)
Weight with batteries	475 grams (1.05 lbs.)
Power	2 alkaline C-cells providing 400 hours of battery life; low battery indicator on Pro30
Cables	1- 4- 10- 20- and 30-m lengths (3.28, 13.1, 32.8, 65.6 ft.)
Warranty	3-year instrument; 2-year cable and sensor
TDS Constant Range	Adjustable; 0.3-1.0
Conductivity Reference Temp	Adjustable; range 15 $^{\circ}$ C to 25 $^{\circ}$ C
Specific Conductance Temp Comp	Adjustable; 0 to 4%
Data Memory	50 data sets
Languages	English, Spanish, German, French
Certifications	RoHS, CE, WEEE, IP-67 waterproof, 1-meter drop test

## Pro30 Ordering Information (order items separately) Full range of accessories available at [YSI.com/pro30](http://YSI.com/pro30)

60530	Pro30 Handheld instrument
60530-X	1- 4- 10- 20- or 30-m cable with Cond/temp sensors (cable management kit included on all except 1-meter)
603075	Large, Soft-sided carrying case
603074	Hard-sided carrying case
603162	Small, Soft-sided carrying case (accommodates up to 10-meter cables)
603069	Belt clip to attach instrument to belt
603070	Shoulder strap
038213	Conductivity cell cleaning brush
063517	Ultra clamp (attach to instrument to secure it to a desk, boat, etc)
063507	Small tripod (attach to instrument to sit on any flat surface)
626444	Lab Dock (instrument dock)
603062	Cable management kit (included with 4- 10- 20- and 30-m cables)
605978	Cable weight, 4.9 oz., attach to stainless steel tip
3161	1,000 $\mu$ S/cm calibrator; quart
3163	10,000 $\mu$ S/cm calibrator; quart
3165	100,000 $\mu$ S/cm calibrator; quart
3167	1,000 $\mu$ S/cm calibrator; 8 each pints
3168	10,000 $\mu$ S/cm calibrator; 8 each pints
3169	50,000 $\mu$ S/cm calibrator; 8 each pints

\* Conductivity sensors are built into the cable and are included with all cables.

## YSI

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