



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.

Ideal replacement for the YSI Model 30!

Pure
Data for a
Healthy
Planet.®

A rugged, cost-effective handheld designed for true field performance



Scan this QR code to watch the 90 second video Spec Sheet on the Pro30.



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Specifications are subject to change.
Please visit YSI.com to verify all specs.



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Pro30 System Specifications (instrument w/ cable and sensor)

| | | |
|--|---|--|
| Conductivity (mS, µS) | Sensor Type Range Accuracy Resolution | Four-electrode cell 0 to 200 mS/cm (auto range) 1-m or 4-m cable, ±0.5% of reading or 1.0 µS/cm, whichever greater; 0.0001 to 0.1 mS/cm (range dependent) |
| Salinity (ppt, PSU) | Range Accuracy Resolution | Calculated - 0 to 70 ppt ±1.0% of the reading or 0.1 ppt, whichever is greater 0.1 ppt |
| Temperature (°C, °F) | Range Accuracy Resolution | -5 to 55°C (23°C to 131°C) ±0.2°C 0.1°C |
| Total Dissolved Solids (TDS) (kg/L, g/L) | Range Accuracy Resolution | Calculated - 0 to 100 g/L TDS constant range 0.30 to 1.00 (0.64 default) Dependent on temp and conductivity; calculated from those parameters 0.001, 0.01, 0.1 g/L |

Pro30 Instrument Specifications

| | |
|---------------------------------------|--|
| Conductivity | ±0.5% of reading or 1.0 uS/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°C to 25°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, 1-meter drop test |

Pro30 Ordering Information (Order items separately*)

| | |
|----------------|---|
| 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) |

Accessories Ordering Information

| | |
|---------------|--|
| 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 us/cm calibrator; quart |
| 3163 | 10,000 us/cm calibrator; quart |
| 3165 | 100,000 us/cm calibrator; quart |
| 3167 | 1,000 us/cm calibrator; 8 each pints |
| 3168 | 10,000 us/cm calibrator; 8 each pints |
| 3169 | 50,000 us/cm calibrator; 8 each pints |

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



603162 carrying case



603069 belt clip



603070 shoulder strap



603074 hard carrying case