

# 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 superstable 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 keyedquarter-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 Datafor a

A rugged, costeffective handheld designed for true field performance



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



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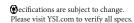
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### ISO 9001 ISO 14001

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

 Conductivity
 Sensor Type (mS, μS)
 Four-electrode cell 0 to 200 mS/cm (auto range)

Accuracy 1-m or 4-m cable, ±0.5% of reading or 1.0 μS/cm, whichever greater;

Resolution 0.0001 to 0.1 mS/cm (range dependent)

 Solinity
 Range
 Calculated - 0 to 70 ppt

 (ppt, PSU)
 Accuracy
 ±1.0% of the reading or 0.1 ppt, whichever is greater

Resolution 0.1 ppt

Temperature Range -5 to 55°C (23°C to 131°C)

(°C, °F) Accuracy ±0.2°C Resolution 0.1°C

Total Dissolved Solids (TDS)

Range
(kg/L, g/L)

Range
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

Resolution 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

(ables 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 Data Memory Adjustable; 0 to 4% 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

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 carryinbg case