



### YSI® Professional Series

#### New! YSI® Professional Series Pro10, Pro20, and Pro30 Single Probe Instruments

4443

Combine one of these single probe instruments with the corresponding cable and probe to obtain the type of measurement you need. All of the cables provide temperature measurements (with no temperature probe needed) in addition to one other measurement parameter. A graphic display provides detailed messages and instructions. Both the display and keypad are backlit. The rubber over-molded case features an IP-67 waterproof rating. Order instruments, cables, and probes separately below.

##### Pro10 Single ISE Instrument

This instrument can be used with any one of the following ISE probes: pH, ORP, pH/ORP combination, ammonium, chloride, or nitrate. Select from three ISE/Temperature cable lengths to connect the probe to the instrument.

Pro10 Single ISE Instrument	1 lb.	<b>76498</b>
4m Cable for ISE/Temperature	3 lbs.	<b>76491</b>
10m Cable for ISE/Temperature	4 lbs.	<b>76490</b>
20m Cable for ISE/Temperature	5 lbs.	<b>76489</b>
pH (ISE) Probe	1 lb.	<b>76445</b>
ORP (ISE) Probe	1 lb.	<b>76444</b>
pH/ORP (ISE) Combination Probe	1 lb.	<b>76443</b>
Ammonium (ISE) Probe	1 lb.	<b>76442</b>
Chloride (ISE) Probe	1 lb.	<b>76439</b>
Nitrate (ISE) Probe	1 lb.	<b>76429</b>

##### Pro20 Dissolved Oxygen Instrument

Use this instrument for obtaining precise dissolved oxygen measurements. Two probe options are available, galvanic ("instant on") or polarographic.

Pro20 Dissolved Oxygen Instrument	1 lb.	<b>76497</b>
4m Cable for Dissolved Oxygen/Temperature	3 lbs.	<b>76488</b>
10m Cable for Dissolved Oxygen/Temperature	4 lbs.	<b>76487</b>
20m Cable for Dissolved Oxygen/Temperature	5 lbs.	<b>76486</b>
Galvanic Dissolved Oxygen Probe	1 lb.	<b>76447</b>
Polarographic Dissolved Oxygen Probe	1 lb.	<b>76446</b>

##### Pro30 Conductivity Instrument

The Pro30 provides conductivity measurements. The conductivity probe is built-in with each cable. No additional probe is necessary.

Pro30 Conductivity Instrument	1 lb.	<b>76496</b>
4m Cable for Conductivity/Temperature	3 lbs.	<b>76485</b>
10m Cable for Conductivity/Temperature	4 lbs.	<b>76484</b>
20m Cable for Conductivity/Temperature	5 lbs.	<b>76483</b>

#### New! YSI® Professional Series Pro1010, Pro1020, Pro1030, And Pro2030 Dual Probe Instruments

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Each of these precision instruments is compatible with two probes and the corresponding cable. All of the cables provide temperature measurements with no temperature probe needed. Simply choose the combination you need! A graphic display offers detailed messages and instructions. Both the display and keypad are backlit. The rubber over-molded case features an IP-67 waterproof rating. Order instruments, cables, and probes separately below.

##### Pro1010 Dual ISE Instrument

Choose any combination of two ISE probes from the following: pH, ORP, ammonium, chloride, or nitrate. **Note:** The pH/ORP combination option is not available for the Pro1010.

Pro1010 Dual ISE Instrument	1 lb.	<b>76495</b>
4m Cable for ISE/ISE/Temperature	3 lbs.	<b>76482</b>
10m Cable for ISE/ISE/Temperature	4 lbs.	<b>76481</b>
20m Cable for ISE/ISE/Temperature	5 lbs.	<b>76479</b>

##### Pro1020 Dual ISE/Dissolved Oxygen Instrument

Choose any one of the following (pH, ORP, pH/ORP combination, ammonium, chloride, or nitrate) along with your choice of dissolved oxygen probes (either galvanic or polarographic).

Pro1020 Dual ISE/Dissolved Oxygen Instrument	1 lb.	<b>76494</b>
4m Cable for ISE/Dissolved Oxygen/Temperature	3 lbs.	<b>76469</b>
10m Cable for ISE/Dissolved Oxygen/Temperature	4 lbs.	<b>76468</b>
20m Cable for ISE/Dissolved Oxygen/Temperature	5 lbs.	<b>76467</b>

##### Pro1030 Dual ISE/Conductivity Instrument

Choose any one of the following: pH, ORP, pH/ORP combination, ammonium, chloride, or nitrate. The conductivity probe is built-in with the cable.

Pro1030 Dual ISE/Conductivity Instrument	1 lb.	<b>76493</b>
4m Cable for ISE/Conductivity/Temperature	3 lbs.	<b>76466</b>
10m Cable for ISE/Conductivity/Temperature	4 lbs.	<b>76465</b>
20m Cable for ISE/Conductivity/Temperature	5 lbs.	<b>76464</b>

##### Pro2030 Dual Dissolved Oxygen/Conductivity Instrument

Measure dissolved oxygen (using either the galvanic or polarographic probe) and conductivity (using the probe built-in with the cable).

Pro2030 Dual Dissolved Oxygen/Conductivity Instrument	1 lb.	<b>76492</b>
4m Cable for Dissolved Oxygen/Conductivity/Temperature	3 lbs.	<b>76463</b>
10m Cable for Dissolved Oxygen/Conductivity/Temperature	4 lbs.	<b>76449</b>
20m Cable for Dissolved Oxygen/Conductivity/Temperature	5 lbs.	<b>76448</b>

##### Probes

Galvanic Dissolved Oxygen Probe	1 lb.	<b>76447</b>
Polarographic Dissolved Oxygen Probe	1 lb.	<b>76446</b>
pH (ISE) Probe	1 lb.	<b>76445</b>
ORP (ISE) Probe	1 lb.	<b>76444</b>
pH/ORP (ISE) Combination Probe	1 lb.	<b>76443</b>
Ammonium (ISE) Probe	1 lb.	<b>76442</b>
Chloride (ISE) Probe	1 lb.	<b>76439</b>
Nitrate (ISE) Probe	1 lb.	<b>76429</b>



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## YSI® Professional Series

### New! YSI® Professional Series Professional Plus Instrument

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#### Customize it to meet your individual measurement needs!

Offering the ultimate in versatility, the Professional Plus can accommodate any cable and corresponding probe combination. Just select the cable length and appropriate probe or probes you need, and then determine which measurements you want to be displayed. Choose from the following probes: dissolved oxygen (galvanic or polarographic probe), pH, ORP, pH/ORP combination, ammonium, chloride, and nitrate. Single probe and dual probe cables are available. All cables provide temperature measurements with no temperature probe needed. Cables offering conductivity measurement capability require no additional conductivity probe since the probe is built-in with the cable.

#### Cables

4m Cable for ISE/ Temperature	3 lbs.	<b>76491</b>
10m Cable for ISE/ Temperature	4 lbs.	<b>76490</b>
20m Cable for ISE/ Temperature	5 lbs.	<b>76489</b>
4m Cable for Dissolved Oxygen/ Temperature	3 lbs.	<b>76488</b>
10m Cable for Dissolved Oxygen/ Temperature	4 lbs.	<b>76487</b>
20m Cable for Dissolved Oxygen/ Temperature	5 lbs.	<b>76486</b>
4m Cable for Conductivity/ Temperature	3 lbs.	<b>76485</b>
10m Cable for Conductivity/ Temperature	4 lbs.	<b>76484</b>
20m Cable for Conductivity/ Temperature	5 lbs.	<b>76483</b>
4m Cable for ISE/ISE/ Temperature	3 lbs.	<b>76482</b>
10m Cable for ISE/ISE/ Temperature	4 lbs.	<b>76481</b>

**Note:** All cable assemblies have temperature sensors built-in and cable assemblies for conductivity have a built-in conductivity sensor. No additional probe is necessary.

### New! YSI® Professional Series Probes

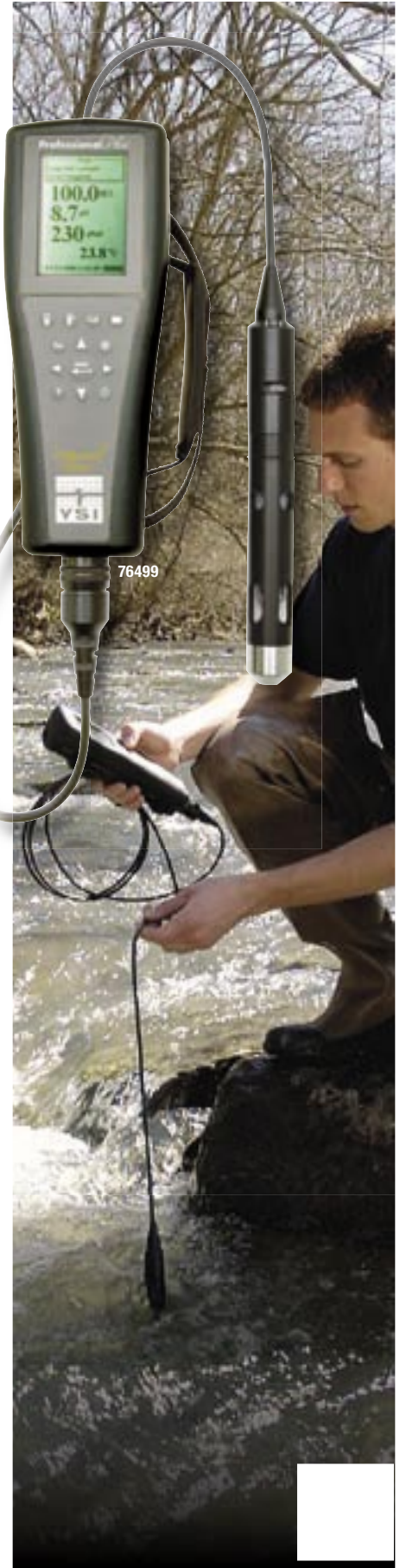
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#### For use with YSI Professional Series Instruments and cables.

<b>Temperature (included with all cables)</b> – Range: -5°C to 100°C (DO compensation range -5°C to 45°C). Accuracy: ±0.15°C. Resolution: 0.01°C.
<b>Dissolved Oxygen</b> – Sensor type: galvanic or polarographic (user-selectable). Range: 0 to 500% air saturation; 0 to 50 mg/L. Accuracy: 0 to 200% (±2% of the reading or ±2% air saturation, whichever is greater)/200% to 500% (±6% of the reading); 0 to 20 mg/L (±2% of the reading or 0.2 mg/L; whichever is greater)/20 mg/L to 50 mg/L (±6% of the reading). Resolution: 1% or 0.1% air saturation (user-selectable); 0.1 mg/L or 0.01 mg/L (user-selectable)/0.1% air saturation.
<b>pH</b> – Sensor type: glass combination electrode. Range: 0 to 14 units. Accuracy: ±0.2 units. Resolution: 0.01 units.
<b>Conductivity</b> – Sensor type: 4-electrode cell with autoranging. Range: 0 to 200 mS/cm. Accuracy: ±0.5% of reading or ±0.001 mS/cm, whichever is greater (4m cable); ±1.0% of reading or ±0.001 mS/cm, whichever is greater (20m cable). Resolution: 0.001 mS/cm to 0.1 mS/cm (range-dependent).
<b>Salinity</b> – Sensor type: calculated from conductivity and temperature. Range: 0 to 70 ppt. Accuracy: ±1.0% of reading or ±0.1 ppt, whichever is greater. Resolution: 0.01 ppt.
<b>Total Dissolved Solids (TDS)</b> – Sensor type: calculated from conductivity (variable constant, default 0.65). Range: 0 to 100 g/L. Resolution: 4 digits.
<b>Barometer</b> – Range: 375 mm Hg to 825 mm Hg. Accuracy: ±3 mm Hg within ±15°C temperature range from calibration point. Resolution: 0.1 mm Hg. Units: mmHg, inHg, kPa.
<b>ISE</b> – Sensor type: platinum button. Range: -1,999 mV to +1,999 mV. Accuracy: ±20 mV. Resolution: 0.1 mV. Units: mV or mg/L.

The Professional Plus offers interval or single event logging and features a 1,000 data-set memory with additional GLP event logging. This instrument can even log data and then download it to a PC using Data Manager software (included). A graphic display provides detailed messages and instructions, and both the display and keypad are backlit. The rubber over-molded case features an IP-67 waterproof rating. Software, communication dock, and USB cable included. Order the instrument, cables, and probes separately below.

Professional Plus Instrument	1 lb.	<b>76499</b>
20m Cable for ISE/ISE/ Temperature	5 lbs.	<b>76479</b>
4m Cable for ISE/Dissolved Oxygen/ Temperature	3 lbs.	<b>76469</b>
10m Cable for ISE/Dissolved Oxygen/ Temperature	4 lbs.	<b>76468</b>
20m Cable for ISE/Dissolved Oxygen/ Temperature	5 lbs.	<b>76467</b>
4m Cable for ISE/Conductivity/ Temperature	3 lbs.	<b>76466</b>
10m Cable for ISE/Conductivity/ Temperature	4 lbs.	<b>76465</b>
20m Cable for ISE/Conductivity/ Temperature	5 lbs.	<b>76464</b>
4m Cable for Dissolved Oxygen/ Conductivity/Temperature	3 lbs.	<b>76463</b>
10m Cable for Dissolved Oxygen/ Conductivity/Temperature	4 lbs.	<b>76449</b>
20m Cable for Dissolved Oxygen/ Conductivity/Temperature	5 lbs.	<b>76448</b>



### Calibration Solutions And Accessories

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Calibration Solutions		
Ammonium, 1 mg/L	1.25 lbs.	<b>76524</b>
Ammonium, 10 mg/L	1.25 lbs.	<b>76525</b>
Ammonium, 100 mg/L	1.25 lbs.	<b>76526</b>
Nitrate, 1 mg/L	1.25 lbs.	<b>76527</b>
Nitrate, 10 mg/L	1.25 lbs.	<b>76528</b>
Nitrate, 100 mg/L	1.25 lbs.	<b>76529</b>
Accessories		
DO Membrane Kit, (6)1.25 mil PE	2 oz.	<b>76359</b>