



Laboratory

INSTRUMENT & SENSOR SOLUTIONS



a xylem brand

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Thank you for your interest in YSI instrumentation. This catalog provides an overview of our extensive range of laboratory benchtop instrumentation - from single parameter to multiparameter and analog to digital instruments. We offer a wide range of pH and ion-selective electrodes (ISEs) as well as conductivity and BOD sensors. You will also find information on our available resources including measurement handbooks and instrument selection guides. No matter your laboratory application - from drinking water to wastewater and from food & beverage to environmental labs, we have a solution to meet your requirements.

With over 65 years of experience with analytical instrumentation, our customers have come to rely on YSI meters that are easy-to-use and provide trouble-free, repeatable measurements in the lab. By partnering with YSI, you will also benefit from access to our employees - knowledgeable, customer-focused technical and applications advisors committed to helping you get the best data possible.

Please contact me directly if you have any comments for feedback about our instrumentation or service. I truly value your input.



Laura St. Pierre
WQS, Senior Product Manager



Media

HANDBOOKS AND GUIDES

bit.ly/YSIpHbook - pH Handbook

bit.ly/DOhandbook - Dissolved Oxygen Handbook

bit.ly/pHselectguide - Lab pH electrode selection guide

bit.ly/pHappguide - Lab pH electrode application guide

bit.ly/pHcalguide - Lab and field pH electrode calibration guide

bit.ly/DOCap - Changing a DO membrane cap

SPECIFICATIONS

bit.ly/MultiLab - MultiLab video spec sheet

bit.ly/MultiLabspecs - MultiLab specs

bit.ly/TruLabvideospecs - TruLab video spec sheet

bit.ly/TruLab1320 - TruLab 1320 specs

bit.ly/TruLab1310 - TruLab 1310 specs

bit.ly/TruLab1110 - TruLab 1110 specs

bit.ly/Colorimetrycatalog - Single and multiparameter colorimeters

bit.ly/3100and3200specs - 3100 and 3200 conductivity specs

bit.ly/5000and5100specs - 5000 and 5100 DO specs

bit.ly/BODAPro - BOD Analytst Pro specs

bit.ly/pH1200 - pH 1200 specs



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MultiLab



MultiLab 4010-2
Dual channel



MultiLab 4010-3
Three channel

Parameters

4010 - 2/3

pH
ORP
DO/BOD (optical)
Conductivity
Temperature
ISEs:*

Ammonia
Ammonium
Bromide
Cadmium
Calcium
Chloride
Copper
Cyanide
Fluoride
Iodide
Lead
Nitrate
Potassium
Silver/Sulfide
Sodium

*Only with BNC adapter

The YSI MultiLab line includes the 4010-1 (single channel), 4010-2 (dual channel) and 4010-3 (three channel) instruments that provide easy-to-use and -calibrate menu-driven operation ideal for the laboratory.

4010-2/3

- Two (4010-2) or three (4010-3) channel input for pH, ORP, DO/BOD, ISEs, or conductivity
- Intelligent digital sensors (IDS) - plug and play sensors
- Use non-IDS (other manufacturer's) pH, ORP or ISE sensors with a simple BNC adapter
- Data storage - 500 data sets in manual mode and 10,000 data sets in automatic logging mode
- Large, easy-to-read graphic color displays
- GLP traceability (smart sensors store serial # and calibration data)
- Antibacterial keypad
- USB connectivity to manage data
- MultiLab Importer (Excel® add-in) included
- 3-year warranty



A BNC adapter is available that covers one of the digital inputs on the 4010-2/3 instruments. This allows for connection of pH electrodes and other ion selective electrodes (ISEs) that feature BNC connection

 [ysi.com/4010-2](https://www.ysi.com/4010-2)

 [ysi.com/4010-3](https://www.ysi.com/4010-3)

Parameters

4010 - 1

pH
ORP
DO/BOD (optical)
Conductivity
Temperature

MultiLab 4010-1 Single channel



4010(P)-1

- One-channel input for pH, ORP, DO/BOD, or conductivity
- Data storage - 500 data sets in manual mode and 5,000 data sets in automatic logging mode
- Large, easy-to-read graphic display
- Intelligent digital sensors (IDS) - plug and play sensors
- GLP traceability (sensors store serial # and calibration data)
- USB connectivity to manage data
- MultiLab Importer (Excel® add-in) included
- 3-year warranty
- Optional integrated printer for increased documentation capability

 [ysi.com/4010-1](https://www.ysi.com/4010-1)



IDS

The IDS (intelligent digital sensors) automatically store their unique serial number and calibration data. In addition, they also digitally process the measurement signal. The sensors can be moved from instrument to instrument and maintain their calibration data and transmit this information to the new instrument.

- IDS sensors store their own unique ID with serial number and calibration data
- Digital sensor recognition, processing and data transfer
- Includes pH, ORP, conductivity and self-stirring BOD sensors
- BOD probe uses optical dissolved oxygen technology and includes a guarded sensor tip

5000/5100

Parameters

DO/BOD
(electrochemical)
Temperature

Ease of use, data integrity, expanded range, enhanced digital capabilities – the YSI 5000 Series is engineered to meet the need of highly accurate, reliable dissolved oxygen measurements, primarily to determine BOD but also Oxygen Uptake Rate (OUR) and Specific Oxygen Uptake Rate (SOUR).

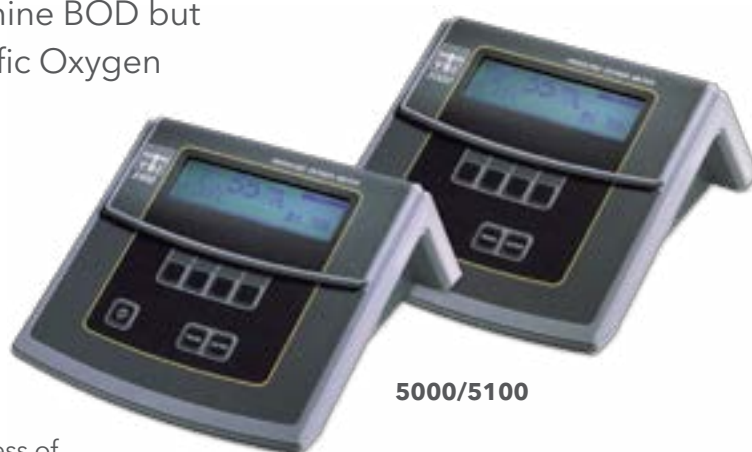
YSI 5000/5100 DO Meters

The YSI **5000** features menu-driven operation and a large LCD. Internal memory for 100 data sets with date/time stamp eliminates the need for manual entry of readings. Auto calibration is as simple as the press of a button. Multitasking is enhanced with the auto-stabilization capability, which enables you to predetermine a stable reading and be alerted to that condition.

The full-featured YSI **5100** instrument offers even greater performance and flexibility including built-in software for OUR/SOUR (oxygen uptake rate and specific oxygen uptake rate) measurement and one step calibrations with no charts or pressure look-ups.

- Stores 100 data sets
- PC interface
- Large graphic display and keyboard profile
- Bar code compatible*
- Built-in barometer for auto-calibration*
- On-board software for OUR/SOUR measurement*

* Only available on the YSI 5100



5010 BOD Probe

YSI 5010 Self-Stirring BOD Probe

The YSI 5010 provides continuous stirring for accurate measurement and faster response time. International BOD probes are available. Contact YSI for more information.

5905 BOD probes will work with a 5011 adapter (all probes and adapters are ordered separately)

 ysi.com/5100

 ysi.com/5000

BOD Analyst Pro Software

BOD Analyst software simplifies BOD calculations



Desktop Software for the Easy, Efficient and Accurate Calculation of BODs

- Automatically calculates BODs/CBODs conveniently and easily
- Improve data integrity by eliminating human error in calculations
- Save time by quickly creating daily bench sheets from established samples and groups
- Use with Model 52, 5000, 5100, MultiLab, Professional Plus or ProODO® instruments for direct connectivity; manual entry also possible
- All batches are saved for simple retrieval at any time
- User-configurable set up regardless of seeding method, number of dilutions, or other test criteria
- Bar code compatibility ensures efficiency and improves accuracy

YSI BOD Analyst Pro Specifications

Instrument Compatibility

Model 52, 5000, 5100, MultiLab, Professional Plus or ProODO direct connectivity; Initial and final values can also be manually entered from any DO instrument; can be used without direct connectivity

Operating System

Microsoft Windows® XP, Vista or 7

YSI BOD Analyst Pro Ordering Information

Item #625120

Includes CD with User Manual; compatible with YSI instruments 52, 5000, 5100, MultiLab, Professional Plus and ProODO for direct instrument to PC communication

TruLab

Parameters

1110, 1310P & 1310

pH
mV (ORP/Redox)
Temperature



TruLab 1110



TruLab 1310P

1110 and 1310/1310P Single Channel Benchtop Meters

Ideal laboratory instruments for basic, routine pH/mV measurements in the lab. The pH 1110 is an accurate, easy-to-use instrument for repeatable pH or mV measurements in the laboratory. The 1310/1310P offers pH/mV measurements with automatic documentation for GLP compliance.

TruLab pH 1110

- Single channel measurement of pH or mV (ORP) and temperature.
- AutoRead function improves repeatability
- Easy-to-read, segmented display
- Easy calibration / adjustable calibration timer
- 1, 2 or 3-point calibration for pH
- BNC input; connect any pH/ORP electrode featuring BNC connection
- 3-year warranty
- Wide selection of electrodes - pH, ORP and temperature probes

TruLab pH 1310/1310P

- Single channel measurement of pH or mV (ORP) and temperature.
- Easy-to-read backlit graphic display with text menu for easy operation
- Fast data transfer via USB in .csv or ASCII format; optional integrated printer
- MultiLab Importer (Excel® add-in) included
- Continuous Monitoring Control (CMC) function for monitoring the ideal measuring range for pH measurements based on the last calibration
- 1, 2, 3, 4 or 5 point calibration for pH
- 22 stored buffer sets for auto-buffer recognition and easy calibration
- BNC input; connect any pH/ORP electrode featuring BNC connection
- 3-year warranty
- GLP/AQA compliant
- Wide selection of electrodes - pH, ORP and temperature probes



TruLab 1320



TruLab 1320P

Parameters

1320P & 1320

pH
mV (ORP/Redox)
Temperature

ISEs:

Ammonia
Ammonium
Bromide
Cadmium
Calcium
Chloride
Copper
Cyanide
Fluoride
Iodide
Lead
Nitrate
Potassium
Silver/Sulfide
Sodium

1320/1320P Dual Channel Benchtop Meter

The 1320 benchtop is an accurate, easy-to-use solution for the measurement of pH/mV/ISE in the laboratory. The 1320 has internal memory and stored data can be sent to a PC via USB. An optional built-in printer is available with the 1320P.

- Simultaneous dual measurement of pH, mV (ORP) or ISE and temperature (2-channel benchtop meter)
- Easy-to-read backlit display with text menu for easy operation
- Fast data transfer via USB in .csv or ASCII format; optional integrated printer
- MultiLab Importer (Excel® add-in) included
- Continuous Monitoring Control (CMC) function for monitoring the ideal measuring range for pH measurements based on the last calibration
- 1, 2, 3, 4 or 5 point calibration for pH
- 2, 3, 4, 5, 6 or 7 point calibration for ISE, also non-linear
- Built-in ISE measurement methods (standard addition, standard subtraction, and others)
- BNC input; connect any pH/ORP electrode featuring BNC connection
- Direct readout of effective ion concentration
- 3-year warranty
- GLP/AQA compliant
- Wide selection of electrodes - pH, ORP, temperature, and ISEs

Electrode Information

Multiple electrodes are available as part of the TruLine, Science, and IoLine family of sensors. In addition, the 1320 and 1320P instruments can use any of the 15 accurate, lab-grade TruLine ISEs.

TruLine ISEs

Parameters

Ammonia
Ammonium
Bromide
Cadmium
Calcium
Chloride
Copper
Cyanide
Fluoride
Iodide
Lead
Nitrate
Potassium
Silver/Sulfide
Sodium



TruLine Family of ISEs



Ammonium ISE

The TruLine series of combination ISEs is designed to meet the most demanding challenges of determining effective ion concentration in the laboratory setting. The TruLine ISEs can be connected to the YSI TruLab 1320(P), the YSI MultiLab 4010-2/3 (with BNC adapter) and other ISE instruments that feature BNC connection. The TruLine ISEs are refillable and feature a built-in double-junction reference system, allowing for a long electrode life and optimum performance in the lab.

- Wide selection of 15 electrodes for 16 different parameters
- 4 sensor technologies - gas sensing, polymer/PVC membrane, solid state, glass sensor
- Integrated reference (i.e. combination ISE)
- BNC connection, 3 ft cable
- Made in the USA
- Reference/electrode fill solution, ISAs, and standards available
- 12 month warranty for solid state, glass sensor, & gas-sensing ISEs
- 9 month warranty for ISEs with polymer/PVC membrane

pH Electrodes



TruLine Electrodes

TruLine

- Designed for use in typical laboratory applications
- Single-junction electrodes with Ag/AgCl reference system
- Integrated temperature sensor option
- Durable electrodes with gel electrolyte for general use; liquid electrolyte sensors for more critical measurements
- Electrodes with special membranes for unique applications
- BNC connector; compatible with any pH meter that has a BNC input



IoLine Electrodes

IoLine

- Designed for use in Tris Buffer and protein solutions - unique iodine/iodide reference system prevents clogging of the junction
- Reference system and the platinum junction provide excellent stability, fast response times, and high accuracy
- Triple junction design increases measurement security
- Available in a micro version for small sample sizes
- Useful in nearly any application and at a wide-range of temperatures
- BNC connector; compatible with any pH meter that has a BNC input



Science Electrodes

Science

- Designed for use in unique applications that require a particular junction
- Features the Silamid reference system, a unique construction of the Ag/AgCl reference system resulting in a more stable and longer lasting electrode with a fast response
- Double-junction reference and integrated temperature sensor
- Ground-joint junction with a fast electrolyte outflow is specifically designed for samples high in solids or with low ionic strength
- Platinum junction for applications that do not require a rate of electrolyte outflow as fast as the ground-joint
- BNC connector; compatible with any pH meter that has a BNC input

pH1200

- ATC temperature sensor or manual input
- 1-, 2- or 3-point calibration with automatic buffer recognition
- Sensor efficiency-check function helps ensure data integrity
- Autolock mode holds stable readings on the display
- Accepts U.S. (7.00, 4.01, 10.01) or NIST (6.86, 4.00, 9.18) buffer sets
- Available single-junction lab grade or double-junction piercing tip or flat-glass electrodes
- Battery or AC wall power



Parameters

pH
mV
Temperature



The YSI pH1200, a lab-grade pH/mV testing meter, features easy-to-use operation and a large backlit LCD. An autolock feature will hold the readings on the display once they reach stabilization. Ensure the most accurate data with the autolock feature; 1-, 2-, or 3-point calibration; automatic buffer recognition; and sensor efficiency function.

3200/3100

Parameters

Conductivity/
Specific conductance
Salinity | TDS | Resistivity
Temperature

With the YSI 3200, get unmatched accuracy for ultrapure water in demanding applications such as pharma and clean rooms. Multi-point calibration allows you to measure a variety of samples with one cell. Features alarms and Resistance Ratio Technology® that continually compare against a reference.

Uses NIST-traceable cells with built-in temperature sensors, assuring the most accurate measurements.



- Provides highest-accuracy measurements
- Uses Resistance Ratio technology
- Easy-to-read display
- CE compliant



pHotoFlex Colorimeters



pHotoFlex standard

Ideal solution for quick, simple, accurate colorimeter measurements for approximately 85 tests



YSI pHotoFlex® Colorimeters Portable Colorimeters for Lab and Field

These rugged, waterproof, multiparameter colorimeters are ideal for laboratory and field testing. The instruments feature a large, backlit display; waterproof rating; data logging with the ability to export data to a computer using LSdata software; user-defined programs; and a 2-year warranty.

- Calibration adjustment for selected methods
- Data storage; 100 data sets with pHotoFlex STD and 1,000 data sets with pHotoFlex pH
- Large, easy-to-read backlit LCD display
- IP67 waterproof case; easy to hold or set on a benchtop (lab station also available)
- Flexible, fixed adapter for various cell types features a flip design to accommodate a variety of heights and diameters; it is also attached to prevent it from being lost
- ~138 tests (pHotoFlex pH); ~85 tests (pHotoFlex STD)
- PC connectivity to manage data (optional LSdata software) and update firmware or methods; barcode compatibility
- pHotoFlex pH offers a BNC connection in order to take pH measurements directly and to measure the pH dependent parameter NH_3
- Compatible with other manufacturer's chemistries/reagents



The pHotoFlex pH colorimeter allows for the connection of an external pH sensor. Not only does this allow for pH measurements but also a true ammonia reading directly compensating for accurate pH and temperature readings.

No other colorimeter has this capability.

pHotoFlex pH

Ideal solution for quick, simple, accurate colorimeter measurements for approximately 135 tests

 [ysi.com/pHotoFlex](https://www.ysi.com/pHotoFlex)

900/910 Colorimeters

900 Chlorine

Ideal solution for quick, simple, accurate chlorine measurements



The 900 Chlorine colorimeter is the simplest, easiest way to gather accurate chlorine data.

- Quickly, easily, and accurately measure Free and Total Chlorine
- Automatic Data Storage; 16-data sets with date and time stamp. Export data with the 900 Series Data Hub infrared data transfer.
- Large, easy-to-read backlit LCD display
- IP68 waterproof case; easy to hold or set on a benchtop
- Innovative light shield avoids moving parts or separate pieces that can easily be broken or lost.
- User-calibration to any government or organizational standard (for example, N.I.S.T. or ISO).
- Resolution can be changed for specific range requirements
- 2-year warranty
- Includes 100 each Free and Total Chlorine powder packs

The 910 instrument features a large, backlit display; a real-time clock; automatic data logging; as well as the ability to export data to a computer or printer using the 900 Series Data Hub for infrared data transfer.

- Quickly, easily, and accurately measure COD
- Easy-to-open and easy-to-handle powder packs
- IP68 waterproof case; easy to hold or set on a benchtop
- Factory calibrated; User-calibration possible
- 2-year warranty
- Hg free reagents also available

YSI offers a used COD vial program to properly dispose of empty vials. Contact YSI for more information.



910 COD

Ideal solution for simple, accurate COD measurements

CR 3200 COD Thermoreactor
YSI offers 3 separate thermoreactors



Colorimetry Reagents (900, 910, pHotoFlex)

Item	Part #	EPA Approved	Description	Range
Aluminum Al-1 TP	251400Y	Yes	Powder, pack of 100	0.002 to 0.250 mg/L
Ammonium NH4-1 TP	251408Y	Yes	Nitrogen, Ammonia, powder, pack of 100	0.01 to 0.50 mg/L NH ₄ -N; 0.01 to 0.64 mg/L NH ₄ ; NH ₃ -N
Ammonium NH4-2 TC (LR)	251997Y	Yes	Nitrogen, Ammonia Low Range, vial, pack of 50	0.02 to 2.50 mg/L NH ₄ -N; 0.03 to 3.20 mg/L NH ₄
Ammonium NH4-3 TC (HR)	251998Y	Yes	Nitrogen, Ammonia High Range, vial, pack of 50	0.4 to 50.0 mg/L NH ₄ -N; 0.5 to 64.4 mg/L NH ₄ ; NH ₃ -N
Chlorine Cl2-1 TP	251401Y	Yes	DPD, Chlorine, Free, powder, 10 mL, pack of 100	0.02 to 2.00 mg/L
Chlorine Cl2-2 TP	251402Y		DPD, Chlorine, Free, powder, 20 mL, pack of 100	0.5 to 5.0 mg/L
Chlorine Cl2-3 TP	251414Y	Yes	DPD, Chlorine, Total, powder, 10 mL, pack of 100	0.02 to 2.00 mg/L
Chlorine Cl2-4 TP	251415Y		DPD, Chlorine, Total, powder, 25 mL, pack of 100	0.5 to 5.0 mg/L
Chlorine Cl2T1 TT (LR)	251600Y	Yes	DPD, Chlorine, Free, No.1 Low Range, tablet, pack of 100	0.01 to 6.0 mg/L
Chlorine Cl2T2 TT (LR)	251601Y	Yes	DPD, Chlorine, Free, No.3 Low Range, tablet, pack of 100	0.11 to 6.0 mg/L
Chlorine Cl2T3 TT (HR)	251602Y	Yes	DPD, Chlorine, Free, No.1 High Range, tablet, pack of 100	0.1 to 10 mg/L
Chlorine Cl2T4 TT (HR)	251603Y	Yes	DPD, Chlorine, Free, No.3 High Range, tablet, pack of 100	0.1 to 10 mg/L
COD1 TC (LR)	251990Y	Yes	COD Low Range, vial, pack of 25	3 to 150 mg/L CSB (148°C / 298°F, 2 hrs)
COD1-F TC (LR)	251986Y		COD Low Range, Hg free, vial, pack of 25	0 to 150 mg/L
COD2 TC (MR)	251991Y	Yes	COD Mid Range, vial, pack of 25	20 to 1,500 mg/L CSB (148°C / 298°F, 2 hrs)
COD2-F TC (MR)	251985Y		COD Mid Range, Hg free, vial, pack of 25	0 to 1,500 mg/L
COD3 TC (HR)	251992Y	Yes	COD High Range, vial, pack of 25	200 to 15,000 mg/L CSB (148°C / 298°F, 2 hrs)
COD3-F TC (HR)	251984Y		COD High Range, Hg free, vial, pack of 25	0 to 15,000 mg/L
Copper Cu-1 TP	251403Y	Yes	Copper, Powder, pack of 100	0.5 to 12.00 mg/L
DEHA1 TP	251421Y		Oxygen Scavenger DEHA1, powder, pack of 100	0.004 to 0.450 mg/L
Iron Fe-1 TP	251404Y		Iron, Total, Low Range, powder, pack of 100	0.012 to 1.800 mg/L
Iron Fe-2 TP	251405Y	Yes	Iron, Total, powder, pack of 100	0.02 to 3.00 mg/L
Manganese Mn-1 TP	251406Y		Manganese High Range, powder, pack of 100	0.2 to 20.0 mg/L
Manganese Mn-2 A1	251417A1		Rochelle salt, liquid, 30 mL 300 mg/L CaCO ₃ hardness	Used with LR (251417Y) Manganese if sample has
Manganese Mn-2 A2	251417A2		Rochelle salt, liquid, 500 mL 300 mg/L CaCO ₃ hardness	Used with LR (251417Y) Manganese if sample has
Manganese Mn-2 TP	251417Y		Manganese Low Range, powder, pack of 50	0.007 to 0.700 mg/L
Molybdate Mo-1 TP	251407Y		Molybdate, powder, 10 mL, pack of 100	0.3 to 35.0 mg/L
Molybdate Mo-2 TP	251418Y		Molybdate, powder, 25 mL, pack of 100	0.3 to 40.0 mg/L
N2H41 TR	251416Y		Hydrazine, 100 mL for 50 tests	0.004 to 0.600 mg/L
Nitrate NO3-1 TC	251993Y		Vial, pack of 50 for 25 tests	0.2 to 30.0 mg/L NO ₃ -N; 1.0 to 133.0 mg/L NO ₃
Nitrite NO2-1 TP	251409Y		Low Range, powder, 10 mL, pack of 100	0.002 to 0.300 mg/L NO ₂ -N; 0.007 to 0.985 mg/L NO ₂
Nitrite NO2-2 TC	251994Y		Vial, pack of 24	0.03 to 0.60 mg/L NO ₂ -N (LR); 0.10 to 1.97 mg/L NO ₂ 0.30 to 3.00 mg/L NO ₂ -N (HR); 0.99 to 9.85 mg/L NO ₂
Nitrite NO2-3 TP	251420Y		LR, powder, 25 mL, pack of 100	0.002 to 0.300 mg/L NO ₂ -N; 0.007 to 0.985 mg/L NO ₂
Nitrogen Ntot1 TC (LR)	251995Y		Nitrogen LR, Total, vial, pack of 50 for 25 tests	0.5 to 25.0 mg/L (Digestion 120°C / 248°F, 30 min)
Nitrogen Ntot2 TC (HR)	251996Y		Nitrogen HR, Total, vial, pack of 50 for 25 tests	10 to 150 mg/L (Digestion 120°C / 248°F, 30 min)
Phosphate PO4-1 TP	251410Y	Yes	Phosphate (Orthophosphate), powder, pack of 100	0.007 to 0.800 mg/L PO ₄ -P; 0.02 to 2.45 mg/L PO ₄
Phosphate PO4-2 TP	251989Y	Yes	Phosphate Reactive (Orthophosphate), vial, pack of 100	0.06 to 5 mg/L PO ₄ ; 0.02 to 1.63 mg/L PO ₄ -P
Phosphate PO4-3 TC	251988Y	Yes	Phosphorus, Total, vial, pack of 50	0.06 to 3.4 mg/L PO ₄ ; 0.02 to 1.141 mg/L (Digestion 100°C / 212°F)
Phosphate PO4-4 TC	251987Y	Yes	Phosphorus, Acid hydrolyzable, vial, pack of 50	0.06 to 3.5 mg/L PO ₄ ; 0.02 to 1.141 mg/L (Digestion 100°C / 212°F)
Silica Si-1 TP (LR)	251411Y		Silica Low Range, powder, pack of 100	0.01 to 1.6 mg/L SiO ₂ ; 0.005 to 0.748 Si
Silica Si-2 TP (HR)	251412Y	Yes	Silica High Range, powder, pack of 100 1 to 100 mg/L SiO ₂ ; 0.5 to 46.7 mg/L Si w/ 16 mm cell	0.7 to 70.0 mg/L SiO ₂ ; 0.3 to 3.27 mg/L Si w/ 28 mm cell;
Silica Si-3 TP	251422Y		Silica Ultra High Range, powder, pack of 100	1 to 75 mg/L SiO ₂ ; 0.5 to 35.1 mg/L Si
Sulfate SO4-1 TP	251413Y	Yes	Sulfate, powder, 10 mL, pack of 100	0 to 70 mg/L SO ₄
Sulfate SO4-2 TP	251423Y		Sulfate, powder, 25 mL, pack of 100	2 to 70 mg/L SO ₄

Additional Chlorine, along with Potassium iodide and Sulfamic acid for other manufacturer's colorimeters also available. Contact us to learn more.

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to xylem.com



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Minding
the Planet?

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ECO CALCULATIONS REPORT				
YSI, Inc. saved the following resources by using U2:YG paper made with 30% post-consumer recovered fiber.				
trees	energy	greenhouse gas	waste water	solid waste
1	0.5 million BTUs	299 lbs CO ₂	455 gal	31 lbs
U2:YG is FSC-certified, contains 30% post consumer recovered fiber, and is manufactured with electricity in the form of renewable energy. U2:YG is manufactured by Appleton Coated www.appletoncoated.com				