



Colorimetry

SINGLE AND MULTIPARAMETER COLORIMETERS

For Water & Wastewater Analysis



a xylem brand

Parameters

Aluminium
Ammonia
Ammonium
Chlorine
COD
Copper
DEHA
Iron
Monochloramine
Manganese
Molybdate
Hydrazine
Nitrate
Nitrite
Nitrogen
pH
Phosphate
Silica
Sulfate

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colorimeters

Welcome

YSI is pleased to provide our new single and multiparameter colorimeters, thermal reactors, and a complete line of reagents for water analysis.

The new YSI lab/field colorimeters are rugged and waterproof. The multiparameter pFotoFlex is offered in two models, one for 85+ parameters and the other for 135 parameters and a connection for a pH probe. Both models are available in complete kits.

Two single-parameter colorimeters are also available; Model 900 for free and total chlorine and the Model 910 for COD. The instruments feature a long battery life for 5,000 tests, data logging capabilities (up to 16 points), and the ability to export data using the 900 Series Data Hub with infrared data transfer.

Compare and you will agree that this exciting new product line provides significant value.

Thank you for your interest in YSI and for reviewing our catalog. We encourage you to contact us with any questions, concerns, and comments.



Tim Grooms
Director, Water Quality Products

Single Parameter 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



Data Hub for infrared data transfer

 [ysi.com/900](https://www.ysi.com/900)

 [ysi.com/910](https://www.ysi.com/910)

900 Chlorine Colorimeter Technical Specifications

Chlorine Free	Range	0.02 to 2.0 mg/L
	Method	DPD - Free Chlorine Reagent
	λ	530
Chlorine Total	Range	0.1 to 8.0 mg/L
	Method	DPD - Total Chlorine Reagent
	λ	530

910 COD Colorimeter Technical Specifications

COD Low Range	Range	0 to 150 mg/L
	Method	Dichromate/H ₂ SO ₄
	λ	430
COD Mid Range	Range	0 to 1,500 mg/L
	Method	Dichromate/H ₂ SO ₄
	λ	610
COD High Range	Range	0 to 15,000 mg/L
	Method	Dichromate/H ₂ SO ₄
	λ	610



Thermoreactors

YSI has 3 thermoreactor models available for COD testing

900 Chlorine Colorimeter and 910 COD Colorimeter General Specifications

Power Supply	4 alkaline AAA batteries; approximately 17 continuous hours or 5,000 tests
Auto Shutoff	20 minutes after last key press; audible signal
Operating Range	5° to 40°C (41° to 104°F); 30-90% relative humidity
Display	Backlit LCD
Memory Capacity	16 data sets with date and time stamp; automatic
Weight	260 g (0.5 lbs)
Dimensions	15.9 L x 7.6 W x 3.8 H cm (6.1 L x 3 W x 1.5 H in)
Interfaces	Infrared interface with the 900 Series Data Hub (optional) for data transfer
Operation	Acid/solvent resistant case; touch-sensitive keypad with audible feedback; factory calibrated; user calibration possible; reset to factory cal
Certifications	CE; IP68 waterproof rating (1 hour at 0.1 meter); floats
Vial Size	COD 16 mm; Free Chlorine 10 mm or 24 mm
Colorimetric Resolution	0.01 A (absorbance)
Photometric Accuracy*	3% FS (T = 20° to 25°C) (68° to 77°F)
Wavelength Accuracy	±1 nm
Warranty	2 year

900 Chlorine Colorimeter Only

Optics LEDs, interference filter (IF), and photo sensor in a transparent chamber. 1 interference filter
Wavelength Range: 530 nm IF $\Delta \lambda = 5$ nm

910 Colorimeter Only

LEDs, 2 interference filters (IF), and photo sensor in a transparent chamber. IF range dependent.
Wavelength Range: 430 nm IF $\Delta \lambda = 5$ nm for range 0 to 150 mg/L
610 nm IF $\Delta \lambda = 5$ nm for range 0 to 1,500 mg/L and 0 to 15,000 mg/L

* Measured with standard solution

Multiparameter Colorimeters



pHotoFlex STD

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



pHotoFlex pH/SET or STD/SET

comes with the pHotoFlex pH or STD colorimeter and a convenient kit including: field case with field tray, vials, pH electrode (with pH/SET), 2 each 10 mL and 2 mL syringe, empty cuvettes 16+28 mm, cleaning tissues, stand, 2 empty buffer bottles, beaker, screw driver, PC-software LSdata, and RS232 PC cable

	pHotoFlex STD	pHotoFlex pH
pH Measurement	No	Yes; BNC connection
Calibration Interval/Record	No	Yes
Special Methods with pH and Temp	No	Yes
User-Defined Programs via LSdata Software	Yes; 50	Yes; 100
Number of Tests	85 (35 predefined; 50 user-defined)	138 (38 predefined; 100 user-defined)
Memory	Yes; 100 data sets	Yes; 1000 data sets
Rechargeable Batteries (optional) with Universal Plug*	Yes; requires Lab Station	Yes

Both pHotoFlex STD and pHotoFlex pH	
Calibration Adjustment for Selected Programs	Yes
Kits Available	Yes
Data Identification	Yes; numeric
PC Connectivity	RS232
Method/Firmware Update via Web	Yes
Lab Station (rechargeable battery/LSdata/ universal AC charger)	Optional
Dimensions	117 x 86 x 236 mm H x W x L (4.6 x 3.4 x 9.3 in H x W x L)
Weight	0.6 kg (1.3 lbs)
Vial size	16 mm or 28 mm
Battery	4 x 1.5 V, AA; ~3000 measurements
Certifications	CE, ETLus, cETL, IP67 waterproof
Temperature	
Operating	0° to 50°C (32° to 122°F)
Storage	-25° to 65°C (-13° to 149°F)
Warranty	2 years

* Order separately or included with the Lab Station

pHotoFlex Colorimeters Reagents

Item	Part #	Description	Range
Aluminum Al-1 TP	251400Y	Powder, pack of 100	0.002 to 0.250 mg/L
Ammonium NH4-1 TP	251408Y	Nitrogen, Ammonia, powder, pack of 100	0.01 to 0.50 mg/L NH ₄ -N; 0.01 to 0.64 NH ₄ ; NH ₃ -N
Ammonium NH4-2 TC (LR)	251997Y	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	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	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	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	DPD, Chlorine, Free, No.1 Low Range, tablet, pack of 100	0.01 to 6.0 mg/L
Chlorine Cl2T2 TT (LR)	251601Y	DPD, Chlorine, Free, No.3 Low Range, tablet, pack of 100	0.11 to 6.0 mg/L
Chlorine Cl2T3 TT (HR)	251602Y	DPD, Chlorine, Free, No.1 High Range, tablet, pack of 100	0.1 to 10 mg/L
Chlorine Cl2T4 TT (HR)	251603Y	DPD, Chlorine, Free, No.3 High Range, tablet, pack of 100	0.1 to 10 mg/L
COD1 TC (LR)	251990Y	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	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	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	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	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	Used with LR (251417Y) Manganese if sample has 300 mg/L CaCO ₃ hardness
Manganese Mn-2 A2	251417A2	Rochelle salt, liquid, 500 mL	Used with LR (251417Y) Manganese if sample has 300 mg/L CaCO ₃ hardness
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	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	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	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	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	Silica High Range, powder, pack of 100	0.7 to 70.0 mg/L SiO ₂ ; 0.3 to 3.27 mg/L Si w/ 28 mm cell; 1 to 100 mg/L SiO ₂ ; 0.5 to 46.7 mg/L Si w/ 16 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	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.

pHotoFlex Colorimeters Reagents

Item	Part # (replacement packs)	Description
Aluminum Al-1 RP1	251400RP1Y	ECR, powder, pack of 100; part of set 251400Y
Aluminum Al-1 RP2	251400RP2Y	Hexamethylenetetramine buffer, powder, pack of 100; part of aluminum 251400Y
Aluminum Al-1 RP3	251400RP3Y	ECR masking, solution, 25 mL; part of set 251400Y
Ammonium NH4-1 RP1	251408RP1Y	Ammonia, powder, 10 mL, pack of 100t
Ammonium NH4-1 RP2	251408RP2Y	Ammonia salicylate, powder, 10 mL, pack of 100
Ammonium NH4-2 RP1	251997RP1Y	Ammonia cyanurate, powder, 5 mL, pack of 50 for 25 tests
Ammonium NH4-2 RP2	251997RP2Y	Ammonia salicylate, powder, 5 mL, pack of 50 for 25 tests
DEHA1 RP1	251421RP1Y	Oxygen Scavenger DEHA1, powder, pack of 100
DEHA1 RP2	251421RP2Y	Oxygen Scavenger DEHA1, liquid, 100 mL for approximately 400 tests
Manganese Mn-1 RP1	251406RP1Y	Manganese citrate buffer, powder, 10 mL, pack of 100
Manganese Mn-1 RP2	251406RP2Y	Sodium periodate, powder, 10 mL, pack of 100
Manganese Mn-2 RP1	251417RP1Y	Alkaline-cyanide, liquid, for 50 tests; used with LR Manganese if sample has 300 mg/L CaCO ₃
Manganese Mn-2 RP2	251417RP2Y	Ascorbic acid, powder, pack of 100
Manganese Mn-2 RP3	251417RP3Y	PAN indicator, liquid, 0.1%, 60 mL
Manganese Mn-2 RP4	251417RP4Y	Alkaline-cyanide, liquid, 100 mL
Manganese Mn-2 RP5	251417RP5Y	Alkaline-cyanide, liquid, 500 mL
Manganese Mn-2 RP6	251417RP6Y	PAN indicator, liquid, 0.1%, 100 mL
Manganese Mn-2 RP7	251417RP7Y	PAN indicator, liquid, 0.1%, 500 mL
Molybdate Mo-1 RP1	251407RP1Y	Molybdate High Range 1, powder, 10 mL, pack of 100
Molybdate Mo-1 RP2	251407RP2Y	Molybdate High Range 2, powder, 10 mL, pack of 100
Molybdate Mo-1 RP3	251407RP3Y	Molybdate High Range 3, powder, 10 mL, pack of 100
Molybdate Mo-2 RP1	251418RP1Y	Molybdate High Range 1, powder, 25 mL, pack of 100
Molybdate Mo-2 RP2	251418RP2Y	Molybdate High Range 2, powder, 25 mL, pack of 100
Molybdate Mo-2 RP3	251418RP3Y	Molybdate High Range 3, powder, 25 mL, pack of 100
Nitrogen Ntot-2 RP1	251996RP2Y	Nitrogen, Total, Persulfate, powder, 10 mL, pack of 50
Phosphate PO4-4 RP1	251987RP1Y	Phosphate 3, powder, 10 mL, pack of 50
Phosphate PO4-4 RP2	251987RP2Y	Potassium persulfate, powder, pack of 50
Phosphate PO4-4 RP3	251987RP3Y	Sodium hydroxide, liquid, 1.54 N, 100 mL for 50 tests
Phosphate PO4-4 RP4	251987RP4Y	Sodium hydroxide, liquid, 1.00 N, 100 mL for 50 tests
Silica Si-1 RP1	251411RP1Y	Amino acid F, powder, 10 mL, pack of 100
Silica Si-1 RP2	251411RP2Y	Citric acid, powder, 10 mL, pack of 100
Silica Si-1 RP3	251411RP3Y	Molybdate 3, liquid, 50 mL
Silica Si-2 RP1	251412RP1Y	High Range acid, powder, 10 mL, pack of 100
Silica Si-2 RP2	251412RP2Y	High Range citric acid, powder, 10 mL, pack of 100
Silica Si-2 RP3	251412RP3Y	High Range molybdate, powder, 10 mL, pack of 100
Silica Si-3 RP1	251422RP1Y	High Range acid, powder, 25 mL, pack of 100
Silica Si-3 RP2	251422RP2Y	High Range citric acid, powder, 25 mL, pack of 100
Silica Si-3 RP3	251422RP3Y	High Range molybdate, powder, 25 mL, pack of 100
Item	Part # (large packs)	Description
Chlorine Cl2-1 TP	251401LP1Y	DPD, Chlorine, Free, powder, 10 mL, pack of 1000
Chlorine Cl2-2 TP	251402LP1Y	DPD, Chlorine, Free, powder, 25 mL, pack of 1000
Chlorine Cl2-3 TP	251414LP1Y	DPD, Chlorine, Total, powder, 10 mL, pack of 1000
Chlorine Cl2-4 TP	251415LP1Y	DPD, Chlorine, Total, powder, 25 mL, pack of 1000
COD1 TC (LR)	251990LPY	Low Range, vial, pack of 150
COD2 TC (MR)	251991LPY	Mid Range, vial, pack of 150
COD3 TC (HR)	251992LPY	High Range, vial, pack of 150
Iron Fe-2 TP	251405LPY	Iron, Total, powder, pack of 1000
Phosphate PO4-1 TP	251410LPY	Phosphate (Orthophosphate), powder, pack of 1000



YSI powder packs

- 37% larger than other brands; easy to handle
- pre-tear notch to easily open; no scissors or teeth needed!
- angled corners prevent powder from remaining in the packs and help improve consistency
- 5-year shelf life

900 Chlorine Colorimeter Ordering Information (order items separately)

250900Y	Model 900 colorimeter for Free or Total Chlorine; includes 100 powder packs of both Free & Total Chlorine	–
251401Y	Chlorine, Free reagent, powder, 10 mL, pack of 100	0.02 to 2.00 mg/L
251401LP1Y	Chlorine, Free reagent, powder, 10 mL, pack of 1000	0.02 to 2.00 mg/L
251402Y	Chlorine, Free reagent, powder, 25 mL, pack of 100	0.5 to 5.0 mg/L
251402LP1Y	Chlorine, Free reagent, powder, 25 mL, pack of 1000	0.5 to 5.0 mg/L
251398Y	Chlorine, Free reagent, powder, 5 mL, pack of 100	0 to 3.5 mg/L
251398LPY	Chlorine, Free reagent, powder, 5 mL, pack of 1000	0 to 3.5 mg/L
251414Y	Chlorine, Total reagent, powder, 10 mL, pack of 100	0.02 to 2.00 mg/L
251414LP1Y	Chlorine, Total reagent, powder, 10 mL, pack of 1000	0.02 to 2.00 mg/L
251415Y	Chlorine, Total reagent, powder, 25 mL, pack of 100	0.5 to 5.0 mg/L
251415LP1Y	Chlorine, Total reagent, powder, 25 mL, pack of 1000	0.5 to 5.0 mg/L
251397Y	Chlorine, Total reagent, powder, 5 mL, pack of 100	0 to 3.5 mg/L
251397LPY	Chlorine, Total reagent, powder, 5 mL, pack of 1000	0 to 3.5 mg/L
251399Y	Secondary Reference Standard; pack of 3	0.0, 0.20 and 1.0 mg/L
200900Y	900 Series Data Hub for Infrared Data Transfer	–
251392Y	Primary Standard, 100 mL	1.5 mg/L

910 COD Colorimeter Ordering Information (order items separately)

250910Y	Model 910 colorimeter for COD	
251990Y	COD, Low Range, vials, pack of 25	0 to 150 mg/L
251990LPY	COD, Low Range, vials, pack of 150	0 to 150 mg/L
251991Y	COD, Mid Range, vial, pack of 25	0 to 1,500 mg/L
251991LPY	COD, Mid Range, vials, pack of 150	0 to 1,500 mg/L
251992Y	COD, High Range, vials, pack of 25	0 to 15,000 mg/L
251992LPY	COD, High Range, vials, pack of 150	0 to 15,000 mg/L
251984Y	COD, High Range Plus, vials, Hg Free, pack of 25	0 to 15,000 mg/L
251985Y	COD, High Range, vials, Hg Free, pack of 25	0 to 1,500 mg/L
251986Y	COD, Low Range, vials, Hg Free, pack of 25	0 to 150 mg/L
1P21-2Y	Thermoreactor for COD and thermal digestions; up to 12 vials; 3 reactor temperatures and 8 fixed programs; 115 V	
1P22-2Y	Thermoreactor for COD and thermal digestions; up to 24 reaction vials; selectable temperatures and 8 fixed/8 user defined programs; 115 V	
1P23-2Y	Thermoreactor for COD and thermal digestions; 2 x 12 reaction vials; selectable temperatures and 8 fixed/8 user defined programs; 115 V	
200900Y	900 Series Data Hub for Infrared Data Transfer	

pHotoFlex Colorimeters Ordering Information

251105Y	pHotoFlex STD - LED colorimeter with 6 wavelengths, 50 user-defined methods plus 35 predefined tests and 100 data set memory	
251100Y	pHotoFlex pH - LED filter colorimeter with 6 wavelengths, 100 user-defined methods plus 38 predefined tests with BNC connector for pH electrode and 1,000 data set memory	
251200Y	pHotoFlex pH/SET - LED filter colorimeter with 6 wavelengths, 100 user-defined methods with BNC connector for pH electrode and 1,000 data set memory; SET also includes field case with field tray, stand and vials, pH electrode, 2 each 10 mL and 2 mL syringe, empty cuvettes 16+28 mm, cleaning tissues, stand, 2 empty buffer bottles, beaker, screw driver, PC-software LSdata, and RS232 PC cable.	
251205Y	pHotoFlex STD/SET - LED colorimeter with 6 wavelengths, 50 user-defined methods and 100 data set memory; SET also includes field case with field tray, stand and vials, 2 each 10 mL and 2 mL syringe, empty cuvettes 16+28 mm, cleaning tissues, stand, 2 empty buffer bottles, beaker, screw driver, PC-software LSdata, and RS232 PC cable.	
1P21-2Y	CR2200 Thermoreactor for COD/thermal digestions for up to 12 test tubes, 3 reactor temperatures and 8 fixed programs; 115 V	
1P22-2Y	CR3200 Thermoreactor for COD/thermal digestions for up to 24 reaction cuvettes, selectable temperatures and 8 user-defined/8 fixed programs; 115 V	
1P23-2Y	CR4200 Thermoreactor for COD/thermal digestions for up to 2x12 reaction test tubes, selectable temperatures and 8 user-defined/8 fixed programs; 115 V	
199163Y	LSdata software; GLP compliant PC software for data management and data transfer	
251301Y	Lab Station for pHotoFlex series includes LSdata PC software, rechargeable batteries and universal plug, RS232. Barcode compatible.	
103637Y	pHotoFlex pH electrode, integrated temperature sensor and BNC and banana plug; 1 m (3 ft) cable	
251306Y	Secondary standard and instrument verification check for pHotoFlex colorimeters	
251300Y	Rechargeable battery for the pHotoFlex STD and pH; STD requires Lab Station (251301Y)	

A wide variety of accessories exist beyond what is listed. Please visit YSI.com/pHotoFlex

What can Xylem do for you?

We're 12,700 people 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 www.xyleminc.com



a xylem brand

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