



Y S I E n v i r o n m e n t a l P r o d u c t s G r o u p



**YSI Choice 9000 Series
Flexible Water Test Kits for Field or Lab**



Test the Waters

Escape from Standard Methods—Simplify with YSI

The YSI Choice 9000 Series are instruments we designed specifically for industrial water testing. Regulated reagent methods, however, are designed for compliance testing, leading to complex sample preparation, difficult analysis and hazardous waste disposal. When your application is boiler water, process water or effluent monitoring, choose YSI.

*These are some
of the many tests
we offer.*

- Chlorine
- Phosphate
- Hardness
- Ammonia
- Copper
- Organophosphate

Who's
Minding
the Planet?™

Find out at
www.YSI.com

6 reasons to choose the YSI Choice 9000 Series

1.Safety

YSI reagent tablets provide safe use and disposal. They contain no harmful chemicals—you'll never be exposed to mercury or cadmium. Disposal is as simple as a flush down the drain—no hoods or special disposal requirements. And because our reagents are tablets, they can't blow in your eyes or face.

2.Easy to use

We've reduced complex measurements to a single sheet of instructions, a reagent tablet or two and the push of a button. Add a reagent tablet to your sample and place the sample in a YSI Choice Photometer. The instrument measures the intensity of the developed color from the chemical reaction.

3.Precise measurement

We've taken the complexity out of sample preparation and measurement. And our tablets are manufactured under tight quality controls, so your results are reproducible, sample after sample.

4.Applications support

Our experienced specialists are ready to help you with your applications. Just call us at 800 765-4974 or 513 767-7241. Fax 513 767-9353.

5.Portable

You'll never have to preserve your samples. Simply take the instrument and reagents to the sample collection point and run the test immediately. A convenient carrying case makes it simple.

6.Save timeand money

You'll quickly learn how to use our systems because they're easy to operate and give you results fast. You can go from sample to result in a few minutes.



Basic YSI 9000



Flexible YSI 9100



Portable-Lab YSI 9100b

YSI Choice 9000Series

Basic YSI 9000

The YSI 9000 performs all our tests but has only one button so it's easy to use. You add reagents to your sample, read your blank, insert the sample and read the transmittance value from the digital display. Then you convert this value to concentration using the supplied conversion chart.

Flexible YSI 9100

If you prefer a direct concentration reading and on-screen instructions, choose the YSI 9100. This microprocessor-controlled photometer has all our tests in its memory. You just prepare your blank and sample and follow the instructions on the display. The RS232 port allows you to send results to a printer or computer.

Portable-Lab YSI 9100b

This system includes a microprocessor-controlled YSI 9100, plus a carrying case, a dot matrix printer, a rechargeable battery pack and a place to store reagents, so you'll have everything you need for a portable laboratory.

YSI reagents are tablets

Our reagents are manufactured as premeasured tablets. This means you perform every test with exactly the right amount of reagent—no spills, no waste. Because they're vacuum packaged, their shelf life is virtually unlimited.



Ordering numbers for instruments, test kits & supplies

Instruments

9000 Solid-State Photometer	YPT250
9100 Microprocessor Photometer	YPT270
9100D Deluxe Microprocessor Photometer	YPT272

Test kits	Range mg/L	Starter packs (50 tests)	Replacement reagents	Tests
Alkalinity, Total	0-500	YPM188	YAP188	250
Alkalinity-Methol orange	0-500	YPM250	YAP250	250
Alkalinity-Phenolphthalein	0-500	YPM251	YAP251	250
Aluminum	0-0.5	YPM166	YAP166	250
Ammonia	0-1.0(N)	YPM152	YAP152	250
Boron	0-2.5	YPM190	YAP190	200
Bromine	0-6.0	YPM060	YAP060	250
Calcium Hardness	0-500	YPM252	YAP252	250
Chloride	0-50	YPM268	YAP268	250
Chlorine HR	0-250	YPM162	YAP162	250
Chlorine DPD-Free	0-5.0	YPM011	YAP011	250
Chlorine DPD-Free, Mono- & Dichloramine	0-5.0	YPM021	YAP021	250
Chlorine DPD-Free, Combined, & Total	0-5.0	YPM031	YAP031	250
Chlorine, hexavalent	0-1.0	YPM281	YAP281	250
Chromium, trivalent and total, supplement to YPM281	0-1.0	YPM281S	n/a	
Color (includes Turbidity)	10-500	YPM269	n/a	
Copper	0-5.0	YPM186	YAP186	250
Cyanuric Acid	0-200	YPM087	YAP087	250
Fluoride	0-1.5	YPM179	YAP179	200
Hardness	0-500	YPM254	YAP254	250
Hydrazine	0-0.5	YPM103	YAP103	250
Hydrogen Peroxide LR	0-2.0	YPM104	YAP104	250
Hydrogen Peroxide HR	0-100	YPM105	YAP105	250
Iron LR	0-1.0	YPM155	YAP155	250
Iron HR	0-10	YPM156	YAP156	250
Magnesium	0-100	YPM193	YAP193	250
Manganese	0-0.03	YPM173	YAP173	250
Molybdate LR	0-20	YPM258	YAP258	250
Molybdate HR	0-100	YPM175	YAP175	250
Nickel	0-10	YPM284	YAP284	250
Nitrate	0-20 (N)	YPM163	YAP163	200
Nitrite-N	0-0.5 (N)	YPM109	YAP109	250
Nitrite-NaNO ₂	0-1500	YPM260	YAP260	250
Organophosphonate	0-20	YPM262	YAP262	250
Ozone	0-2.0	YPM056	YAP056	250
pH (Phenol Red)	6.8-8.4	YPM130	YAP130	250
Phenols	0-5.0	YPM287	YAP287	250
Phosphate LR	0-4.0	YPM177	YAP177	200
Phosphate HR	0-100	YPM114	YAP114	250
Potassium	0-12	YPM189	YAP189	250
Silica	0-4.0	YPM181	YAP181	200
Sulfate	0-200	YPM154	YAP154	250
Sulfide	0-0.5	YPM168	YAP168	200
Sulfite	0-500	YPM266	YAP266	250
Turbidity (includes color)	5-400	YPM269	n/a	
Zinc	0-4.0	YPM148	YAP148	250

Supplies

Photometer Color Standards, 3 ea	YPT230
Photometer 9100 Power Pack, 1 ea	YPT269
Photometer 9100 NiCad Battery Unit, 1 ea	YPT261
Photometer 9100 Adaptor/Batt Charger, 1 ea	YPT262
Printer 9100, 1 ea	YPT276
Printer 9100 Thermal Print Paper, 1 ea	YPT266
Photometer Printer Cable, 1 ea	YPT277
Photometer Computer Cable, 1 ea	YPT279
Syringe 1 mL, 1 ea	YPT361
DE-ION Pack, up to 5 liters, 1 ea	YPT500
Crush/Stir Rod, 10 ea	YPT502
Nitrate Tube, 1 ea	YPT508
Sample Container 100 mL, 1 ea	YPT510
Dilution Tube, 1 ea	YPT512
Round Test Tube, 5 ea	YPT515
Filtration Set Luer/GFB, 1 ea	YPT600
GFB Filters, 50 ea	YPT603
Filter Holder Luer, 1 ea	YPT606
20 ml Syringe Luer, 1 ea	YPT370
Test Tube Brush, 1 ea	YPT663

Who's
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the Planet?™

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