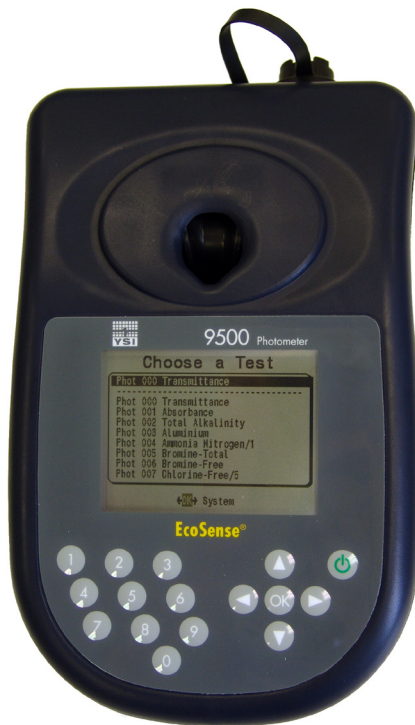# Y S I Environmental

FLEXIBLE PHOTOMETERS FOR LAB OR FIELD

YSI's new line of photometers includes the Model 9300 and 9500. Eliminate sample preservation by taking your portable, waterproof instruments to the field to perform the analysis on-site. All reagents are safe and easy to use.

Selecting the desired test has never been easier. Simply navigate among the list of available tests on the screen of the instruments to choose your test and say "OK". The instrument will them walk you through the steps to complete the test. Simple. Convenient. Accurate.

Features (Model 9300 and 9500):
- Direct-reading concentrations with automatic set up
- Waterproof; IP67 (floats)
- Large backlit graphic display
- Unique sample tube holder accommodates various diameters
- On-screen instructions
- Multiple languages (English, French, German, Spanish, Italian)
- 100+ test choices on the photometer display

Additional Features (Model 9500 only):
- Waterproof USB connection
- Power via USB port
- Internal Memory - 500 sample sets
- User-Selectable Options: test units, sample number, dilution factors

The YSI 9500.

Applications include:

- *Aquaculture*
- *Aquarium management*
- *Surface water*
- *Education*
- *Wastewater*
- *Watershed management*

Advanced software built into the 9500 instrument remembers the most recent tests, making it even quicker to use the next time. Up to 500 test results are held in the 9500's memory along with a date and time stamp. Simply connect to a PC via USB and drag and drop the files to the PC. Software updates can also be completed through a simple USB connection. In addition, the 9500 allows up to 15 user-defined test methods allowing full flexibility in a range of test methods.

Specifications

Accuracy	±0.5% at 4% transmittance; ±0.005 at 0.3 AU
Resolution	0.001 AU
Operating Wavelengths	450, 500, 550, 575, 600 and 650 nm
Display	Graphic, backlit LCD with on-screen instructions
Power	3x AA batteries; the 9500 can also be powered via USB
Size (WxLxH)	146 x 275 x 75 mm (5.8 x 10.8 x 3 inches)
Weight	975 g (2 lbs)
Test Cells	Automatic adjustment from 12-20 mm diameter

www.YSI.com

YSI *incorporated*
Who's Minding the Planet?®

Ordering

Test Kits	Range	Starter Packs (50 Tests)	Replacement Packs (250 Tests)
Alkalinity, Total (Alkaphot)	0-500 ($CaCO_3$)	YPM188	YAP188
Alkalinity-M (Alkaphot M)	0-500 ($CaCO_3$)	YPM250	YAP250
Alkalinity-P (Alkaphot P)	0-500 ($CaCO_3$)	YPM251	YAP251
Aluminum	0-0.5	YPM166	YAP166
Ammonia	0-1.0 (N)	YPM152	YAP152
Boron	0-2.5	YPM190	YAP190
Bromine	0-10.0	YPM060	YAP060
Calcium Hardness (Calcicol)	0-500 ($CaCO_3$)	YPM252	YAP252
Chloride (Chloridol)	0-50,000 (NaCl)	YPM268	YAP268
Chlorine DPD 1	0-5.0	YPM011	YAP011
Chlorine DPD 2	0-5.0	YPM021	YAP021
Chlorine DPD 1&3	0-5.0	YPM031	YAP031
Chlorine DPD 4	0-5.0	YPM041	YAP041
Chlorine HR (High Range)	0-250	YPM162	YAP162
Chlorine Dioxide (DPD)	0-4.0	YPM052	YAP052
Chlorine Dioxide LR (Low Range)	0-2.5	YPM064	YAP064
Chlorine Dioxide HR (High Range)	2.5-20	YPM065	YAP065
Chromium VI (Hexavalent)	0-1.0	YPM281	YAP281
Chromium III (Total & Trivalent)	0-1.0	YAT283	N/A
Copper (Coppercol) (free, combined, total)	0-5.0	YPM186	YAP186
Copper (free)	0-5.0	N/A	YAP187
Color (includes turbidity)	10-500	YPM269	N/A
Cyanuric Acid	0-200	YPM087	YAP087
Fluoride	0-1.5	YPM179	YAP179
Hardness (Hardicol)	0-500 ($CaCO_3$)	YPM254	YAP254
Hydrazine	0-0.5	YPM103*	YAP103
Hydrogen Peroxide LR	0-2	YPM104	YAP104
Hydrogen Peroxide HR	0-100	YPM105	YAP105
Iron LR	0-1.0	YPM155	YAP155
Iron MR	0-5.0	YPM292	YAP292
Iron HR	0-10	YPM156	YAP156
Magnesium (Magnecol)	0-100	YPM193	YAP193
Manganese	0-0.03	YPM173	YAP173
Molybdate LR	0-20	YPM258	YAP258
Molybdate HR	0-100	YPM175	YAP175
Nickel	0-10	YPM284	YAP284
Nitrate	0-20 (N)	YPM163	YAP163
Nitrite (N)	0-0.5 (N)	YPM109	YAP109
Nitrite ($NaNo_2$)	0-1500 ($NaNo_2$)	YPM260	YAP260
Organophosphonate (OP)	0-20 (PO_4)	YPM262	YAP262
Ozone	0-2.0	YPM056	YAP056
pH (phenol red)	6.8-8.4	YPM130	YAP130
Phenol	0-5.0	YPM287	YAP287
Phosphate LR	0-4.0	YPM177	YAP177
Phosphate HR	0-100	YPM114	YAP114
Potassium	0-12	YPM189	YAP189
Silica	0-4.0	YPM181	YAP181
Silica HR	0-150	YPM290	YAP290
Sulphate	0-200	YPM154	YAP154
Sulphide	0-0.5	YPM168	YAP168
Sulphite	0-500 (Na_2SO_3)	YPM266	YAP266
Zinc	0-4.0	YPM148	YAP148

Item	Part Number	Description
9300	YPT9300	9300 photometer
9500	YPT9500	9500 photometer
285	YPT285	Hard-sided carrying case for the 9300
286	YPT286	Hard-sided carrying case for the 9500
804	YPT804	Color Standard Kit
283	YPT283	USB Power Supply for 9500
284	YPT284	USB Waterproof Cable for 9500

* Includes 30 tests