

Palintest®

Leaders in Water Analysis Technology

Sleek, portable and easy to use, the Pooltest 25 Professional Plus sets a new standard in pool testing.

Pooltest25 Professional Plus

The superb new Pooltest 25 Professional Plus Photometer is a fully featured, waterproof, precision pool photometer for the most demanding professional.

- New extended range DPD test - to 10 ppm chlorine
- Fully Waterproof with IP67 rating: **It even floats!**
- Automatic wavelength and method selection
- Balanced water calculation for scale/ corrosion control built in.
- Last 500 test results stored on board in memory
- USB port for PC connection interface (no additional software required)

The instrument features a complete range of swimming pool water tests, including the more specialized tests such as phosphate and sulfate, as well as the usual free and total chlorine (Extended Range), pH and alkalinity. In total there are over 25 tests on this instrument.

Also featured is a fast USB computer connection. The unit stores up to 500 results in its on-board memory and can transfer them to a PC database, spreadsheet or into a number of sophisticated Pool Chemistry software packages. With an IP67 waterproof rating, the Pooltest 25 Professional Plus will withstand being submerged for up to half an hour in a metre of water.

The instrument is direct-reading and integrated with the Palintest range of chemical testing giving an instrumental method of analysis for an extensive range of swimming pool water tests. Its large backlit LCD screen allows easy access to programmed tests and the fully automated set-up and automatic wavelength selection make testing for multiple parameters quick and easy.

The unit runs on standard 'AA' batteries or can be powered through the USB port from the computer, or via its own standalone adapter.

The software interface is in five languages and the easy to navigate menus are great for the engineer in a hurry.

Two Pooltest 25 Professional Plus Kits are available, each supplied in a hard carry case with space to store reagents.



Technical Specifications

| | |
|--------------------------------|---|
| Instrument Type | Direct-reading colorimeter with automatic set-up and reading |
| Pre-programmed Tests | Free Chlorine (Extended Range), Total Chlorine (Extended Range), Bromine, pH, Alkalinity, Calcium Hardness, Cyanuric Acid, PHMB, Iron, Free Copper, Total Copper, Salt, Ozone, Sulfate, Chloride, Total Hardness, Aluminum, Phosphate, Manganese, Chlorine HR, Hydrogen Peroxide HR, Nitrate and Ammonium |
| Operating Wavelengths | 450 nm, 500 nm, 550 nm, 570 nm, 600 nm and 650 nm |
| Display | Large Backlit graphic LCD screen |
| Accuracy | ± 0.005 at 0.3 AU |
| Resolution | 0.001 AU |
| User Selectable Options | Time/Date format, display language, test units, sample number and dilution factors |
| Internal Memory | 500 sample results stored with selective recall |
| Data Output | Waterproof USB interface |
| Test Cells | Automatic adjustment for round test tubes from 12 - 20 mm diameter |
| Power | Battery power (3 x 'AA') - optional power through USB port from computer or mains adapter |
| Size | W146 x D275 x H75 mm |
| Weight | 1.18 kg |
| Instrument Rating | Waterproof IP67 |

Ordering Information

Pooltest Plus Photometer Kits

SP 725E Pooltest 25 Professional Plus Kit

The Standard Pooltest 25 Professional Plus kit contains the photometer, in an easily portable carry case, complete with photometer test tubes and a starter supply of test reagents.

SP 730E Pooltest 25 Professional Plus Minilab Kit

The Professional Plus Minilab kit contains all you are likely to need to test your pool water, including TDS sensor, a range of test reagents and a bench-top tray for ease of use.

PT 804 Check Standards

PT 745 USB Power Supply

PT 746 USB Computer Cable

PT 265 Alkaline Batteries

PT 595/5 Round Test Tubes, 10ml, pack of 5

Reagents

| TEST | RANGE (mg/l - ppm) | REAGENT STARTER PACKS (50 TESTS) | REAGENT REFILL PACKS (250 TESTS) |
|--|----------------------------|---|---|
| Alkalinity Total (Alkaphot) | 0-500 (CaCO ₃) | PM 188 | AP 188 |
| Aluminum | 0-0.5 | PM 166 | AP 166 |
| Ammonium | 0-1.0 (N) | PM 152 | AP 152 |
| Cyanuric Acid | 0-200 | PM 087 | AP 087 |
| Bromine | 0-10.0 | PM 060 | AP 060 |
| Calcium Hardness (Calcico) | 0-500 (CaCO ₃) | PM 252 | AP 252 |
| Chlorine DPD 1 | 0-5.0 | PM 011 | AP 011 |
| Chlorine DPD 1 & 3 | 0-5.0 | PM 031 | AP 031 |
| Free Chlorine - DPD 1 (Extended Range) | 0-10.0 | PM 013 | AP 013 |
| Total Chlorine - DPD 1 + 3 (Extended Range) | 0-10.0 | PM 033 | AP 033 |
| Chlorine HR (High Range) | 0-250 | PM 162 | AP 162 |
| Copper (Coppercol) (free, combined, and total) | 0-5.0 | PM 186 | AP 186 |
| Copper (free) | 0-5.0 | - | AP 187 |
| Colour/Turbidity | 10-500 (Hazen units) | PM 269 | - |
| Iron LR | 0-1.0 | - | AP 155 |
| Hydrogen Peroxide HR | 0-100 | PM 105 | AP 105 |
| Manganese | 0-0.03 | PM 173 | AP 173 |
| Nitrate (Nitratest) | 0-20 N | PM 163 | AP 163 |
| Ozone | 0-2.0 | PM 056 | AP 056 |
| pH (phenol red) | 6.8-8.4 | PM 130 | AP 130 |
| PHMB | 0-100 | PM 272 | AP 272 |
| Salt | 0-10,000 | PM 268 | AP 268 |
| Sulfate | 0-200 | PM 154 | AP 154 |

