

AF scientific, inc.

Clean Water Through Innovative Technology

Chlorine Pocket Photometer

- Laboratory Accuracy in the Field
- Simple Operation
- Integrated Packaging
- Waterproof
- EPA Approved Method



Pocket Photometer with Case
and PPD-2 DPD Dispensers



The new Chlorine Pocket Photometer gives the accuracy expected from your laboratory, no matter where you happen to be. With the addition of the Patented PPD-2 DPD Powder Pop Dispenser, the Chlorine Pocket Photometer is packaged in a rugged, self-contained package that has everything needed for measuring Free or Total Chlorine.

Chlorine Pocket Photometer

Specifications

| | |
|----------------------|--|
| Range: | 0 - 10.0 ppm |
| Method: | EPA Approved - DPD |
| Certification: | CE |
| Resolution: | 0.01 ppm for 0-6 ppm 0.1 ppm for 6-10 ppm |
| Accuracy: | 2% 0-6 ppm 10% 6-10 ppm |
| Measurement: | 1cm Pathlength |
| Response Time: | 3 seconds |
| Light Source: | Longlife LED - 515nm |
| Sample Size: | 3 ml |
| Display: | 7 Segment Brightvision LCD |
| Power: | 4 AAA batteries (up to 1000 tests) |
| Shipping Dimensions: | 28 x 30.5 x 7.6 cm (11" x 12" x 3") |
| Shipping Weight: | 1.22kg (2.7 lbs) |
| Enclosure: | |
| Instrument: | IP67, Waterproof at 1m for 30 minutes |
| Carry Case: | High Density Polyethylene |

Ordering Information

Catalog No. Description

10478 Chlorine Pocket Photometer

The Pocket Photometer includes 4 measuring cuvettes with caps, 4 AAA batteries and instructions

Reagent - Powder Pop Dispenser™ 5ml Chlorine Test Volume

| | |
|--------|--|
| 10500 | PPD-2 Dispenser for Free Chlorine - 100 tests |
| 10445A | PPD-2 Dispenser for Free Chlorine - 400 tests (2 x 200 tests) |
| 10500C | PPD-2 Dispenser for Free Chlorine - 1000 tests (5 x 200 tests) |
| 10502 | PPD-2 Dispenser for Total Chlorine - 100 tests |
| 10446A | PPD-2 Dispenser for Total Chlorine - 400 tests (2 x 200 tests) |
| 10502C | PPD-2 Dispenser for Total Chlorine - 1000 tests (5 x 200 tests) |

Accessories

| | |
|--------|--|
| 10431 | Disposable Cuvettes, 100/pkg |
| 10451A | 2.0 ppm Reference Standard Solution, 118 ml (Pocket Photometer only) |
| 22664 | Set of 4 AAA Alkaline Batteries |

*Note: PPD-2 DPD Powder Pop Dispensers for 10ml samples and test kits using tablet technology also available. Ask for DPD literature specification sheet.

Standard Features

- **Laboratory Accuracy in the Field**
Microprocessor technology together with rugged construction ensures accuracy and durability in the roughest environments.
- **Integrated Packaging**
Provides easy access to everything needed to conduct a test.
- **Simple Operation**
No need to change cuvette or pathlength for low level measurements.
- **Waterproof**
IP-67 at 1m for 30 minutes
- **EPA Approved Method**
Meets Standard Method 4500-CI G.DPD Colorimetric Method for measuring residual chlorine.



Patented DPD Dispenser

New PPD-2 DPD Powder Pop Dispenser™ simplifies the handling of DPD reagent.

Reagent for the Pocket Photometer is packaged in the PPD-2 Powder Pop Dispenser. The PPD-2 Powder Pop Dispenser delivers a precise dose of DPD reagent directly to the sample with the push of a button. No foil pouches to tear open and no mess to leave behind. The PPD-2 Powder Pop Dispenser is formulated to include enough reagent for either 100 or 200 tests. Available for Free or Total Chlorine.

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