

Taylor's Counterlab Rx2™ with FAS-DPD for In-Store Pool & Spa Testing

INTRODUCTION

With its small footprint (18" wide x 9" deep) the Counterlab Rx2™ (L-0206) is "just the prescription" for retailers with limited counter space in their water-testing station. Nevertheless, the compact lab makes an impressive display for customers.

Its powder-coated aluminum base houses a **SpeedStir® magnetic stirrer** for easy and complete titrations; a **Daylight Comparator Lamp** for true color matching indoors; the same chemistries as Taylor's best-selling Service Complete™ kit (K-2006C), including the **FAS-DPD method for sanitizer testing**; color standards for the pH tests; our unique Watergram® Water Balance Calculator and SampleSizer® liquid measurement tools; a full quart of Cyanuric Acid Reagent, which is used with a plunger-type test cylinder, plus a quart of DI Water for rinsing labware; instructions that are color-coded to the reagents for each test; and a 64-page *Pool & Spa Water Chemistry* booklet with treatment chemical dosage tables (including metric conversions).

Non-interchangeable AC power adapters are provided for the magnetic stirrer and Daylight Comparator Lamp.

Color matching determines:

- pH 7.0–8.0, plus acid & base demand tests for adjustments

Drop-count tests determine:

- free & combined chlorine as low as 0.2 ppm & as high as 20 ppm without indicator bleachout (or total bromine 0.4–40 ppm by calculation)
- total alkalinity 1 drop = 10 ppm
- calcium hardness 1 drop = 10 ppm

Degree of turbidity determines:

- cyanuric acid (chlorine stabilizer) 30–100 ppm



Testing with a Complete™ kit will determine how much sanitizer to add, when and how much to shock treat, and what adjustments are needed to prevent corrosion and scaling conditions.

LAB COMPONENTS

1. FAS-DPD sanitizer test; includes Unit Dose Dispenser™
2. pH test with acid & base demand supplemental tests
3. color standards for pH test
4. total alkalinity test
5. calcium hardness test
6. optional pipet to speed up hardness test
7. Cyanuric Acid Reagent (stores inside lab)
8. CYA test cylinder
9. DI Water for rinsing (stores inside lab)
10. SpeedStir magnetic stirrer
11. Daylight Comparator Lamp
12. SampleSizer measuring tools
13. sample tube for performing titrations
14. color-coded test instructions
15. Watergram Water Balance Calculator
16. testing & treatment guide
17. AC power adapters

USER BENEFITS

- **Projects professionalism**—attractive, low-maintenance housing keeps reagents and testing apparatus organized.
- **Test methods are quick and easy to perform**—over many years they have proven to yield results that can be relied upon to treat problem water.
- **Super-accurate, wide-ranging chlorine test**—FAS-DPD will detect combined chlorine as low as 0.2 ppm, and will not bleach out in superchlorinated water up to 20 ppm. Unit Dose Dispenser cranks out the right amount of DPD Powder every time.
- **No more flicking!** SampleSizers will displace exactly the right amount of water to leave the correct volume for a test in the sample tube (10, 25, or 44 mL).
- Daylight simulator ensures **true color matches indoors**.
- Magnetic stirrer **eliminates manual swirling**—mixes reagents into samples fast and thoroughly; lighted base clearly shows the endpoint color of a titration.
- Sliderule-like Watergram does the number crunching for water balance calculations, **making it easy to play with different treatment scenarios**.
- **Chemistry primer** makes complex subjects comprehensible for the average person.
- Most **refill reagents** already will be in Taylor resellers' inventories.

ALSO AVAILABLE

- Counterlab Rx2 for testing sanitizer with an **all-liquid DPD system (L-0205)**.
- **sureTREAT™**, a cloud-based software program for your PC that will accept test results from the Counterlab Rx 2 and generate a water analysis report and shopping list for your customer.
- **Supplementary kits** for testing copper, iron, sodium chloride (for salt systems), TDS, phosphate, biguanide (PHMB), biguanide oxidizer (hydrogen peroxide), and more.
- **Deox Reagent (K-2042)** to eliminate interference with the FAS-DPD (or DPD) chlorine test from monopersulfate (non-chlorine oxidizer) in the sample water.
- Test kits **for consumers** with chemistries equivalent to those in our professional lines.
- **Video demonstrations** for new users posted on our website, www.taylortechnologies.com.
- Toll-free technical assistance at **800-TEST KIT**.

An alternative for the AC power adapters will be needed in countries incompatible with two-prong type A plugs for 120 V circuits.



Storage space for both quart containers and your choice of supplementary test kits is provided in the Rx 2's interior.