

# Top-Quality Combination Kits for Boiler & Cooling Water Testing



To prevent corrosion and scale in boiler and cooling water systems, it is essential to **analyze both the natural impurities of the source water and the treated water's characteristics.**

## COMBINATION KITS

The **K-1645** variations are our **most popular** combination kits:

	P/M & P/T Alkalinity	Chloride	Orthophosphate	pH	Sulfite	Total Hardness
K-1645*	•	•	•	•	•	•
K-1645-1*	•		•		•	•
K-1645-2*	•	•				•
K-1645-3*	•				•	•
K-1645-4*	•	•	•		•	•
K-1645-5	•	•	•		•	•
K-1645-6*	•	•			•	•

For the **small boiler operator**:

### K-1640

P/T alkalinity, chloride, sulfite, total hardness\*

For **high-pressure steam boilers** and **open cooling systems**:

### K-1680

P/T alkalinity, chloride, nitrite, phosphonate, sulfite, total hardness\*

For **boilers and cooling systems using polymers** for scale prevention and sludge control:

### K-1190

0–10 ppm polymer as PAA (polyacrylic acid)

\* includes inhibitors to prevent metal interference

Taylor's orthophosphate test using the 2-Standard™ comparator (shown above in K-1645-1) is trusted by water analysts industrywide.

## USER BENEFITS

- Midget™ comparators (using eight liquid-color standards) are the **economical alternative when color and turbidity are not present.**
- 2-Standard™ comparators (using two liquid-color standards) **monitor a parameter between an established minimum and maximum.**
- **Color Cards are laminated** to protect the printed-color standards from water and chemicals.
- Titrations do not require the ability to match colors, only the ability to see the **permanent color change** at the endpoint of the reaction.
- **Waterproof instructions** are printed on plastic-impregnated paper that resists fading and tearing.
- **Color coding** of reagent caps to instructions helps prevent mishaps.
- **Picture guides** to color transitions in the test reassure new users.
- Custom-molded, durable plastic cases provide **safe storage** for all tests.
- **Proven chemistries** are based on *Standard Methods for the Examination of Water and Wastewater*, APHA, Washington, DC, and/or *American Society for Testing and Materials*, ASTM, Philadelphia, PA. Some methods use proprietary chemistry developed by Taylor Technologies.

## ALSO AVAILABLE

- **Myron L Company** portable instruments and calibration solutions (sold separately).
- **Microbial tests** from Easicult® and Sani-Check®.
- **Syringe filtration system** (#9803) which employs specially-sized filter discs to remove colloidal color or turbidity.
- **SampleSizer®** for 10/25 mL test volumes (#6190) and **SpeedStir® magnetic stirrer** (#9265) save time for frequent testers.
- **Demineralizer bottle** (8 oz.) containing an ion-exchange resin that changes color when it needs replenishing (R-0804-DD).
- A wide array of single- and multiparameter kits featuring color-matching and/or drop-count tests.
- **Taylor's TTI® Colorimeter** (M-3000); test 40+ parameters commonly encountered in commercial and industrial settings and transfer results to a PC database.
- Testing supplies and kit replacement parts (e.g., burets, flasks, test tubes, and test cells).
- **Video demonstrations** for new users posted on our website.
- Free technical assistance at **800-TEST KIT**.