

# CHECKFIN

## Boiler Water Test Kit

Test Parameters: P Alkalinity, Chloride and pH



Regular monitoring of boiler water concentration is required to prevent corrosion and scale formation in marine boiler systems.

Compact test kit designs to encourage daily testing to maintain your boiler water within the desired level of quality.

## Test Parameters: **P Alkalinity Chloride and pH**



### **KIT includes:**

- 2 \* Alkalinity tablet bottle (250 Tablets)
- 1 \* Chlorine tablet bottle (250 Tablets)
- 1 \* pH reagent
- 1 \* pH strip bottle
- 1 \* Manual
- 1 \* 250 mL sample bottle
- 1 \* Stirring stick
- 1 \* Measuring spoon
- 1 \* Tweezers
- 1 \* 100 mL plastic beaker

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Boiler Water Test Kit

- **Easy-to-use  
tablet titration method**
- **Durable carrying case**
- **Includes all necessary  
test containers/user manual**



### **Alkalinity**

when 1 tablet drop



Blue

more tablet insert



Yellow

Take a **200 mL** sample and add one tablet at a time, stirring after each addition, until yellow appears.

**P. Alkalinity ppm (CaCO<sub>2</sub>) of 200 mL water sample**  
 $\text{Alkalinity ppm} = (\text{Number of tablets} \times 20) - 10$

### **Chlorine**

when 1 tablet drop



Yellow

more tablet insert

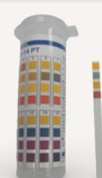


Red Brown

Take a **50 mL** sample and add one tablet at a time, stirring after each addition, until red brown appears.

**Chlorine ppm (Cl) of 50 mL water sample**  
 $\text{Chlorine ppm} = (\text{Number of tablets} \times 20) - 20$

### **pH Test**



Take a **50 mL** sample, dissolve one spoon of pH reagent in it, then dip the pH strip so that color zone is fully submerged. (Remove it after 1 minute)  
 $\text{pH} = \text{Compare the result with the pH scale pH paper bottle.}$

**WATERFIN INC.**

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