

# Lovibond® Water Testing Tintometer® Group



## Boiler Water Test Kit

For daily expert control of water in boiler systems



- For maintaining & management of boiler systems
- Developed specifically for water engineers & treatment professionals
- Includes equipment for testing the key parameters
- Supports you ensuring optimum operating conditions

Part Number: 56K701170

This Test Kit has been designed to include the key parameters which enable the monitoring of samples in these water systems ensuring optimum operating conditions are maintained.

Provides accuracy and speed, utilising drop test and comparator reagents together with electronic meters for the most efficient monitoring of water samples to ensure correct water conditions.

This involves testing:

- Boiler water
- Raw make up water
- Softened make up water (requires ZERO hardness levels)
- Condensate returns
- Feedwater (combination of above waters in varying quantities)

Any failure to maintain the correct levels and dosing of the chemical treatments can lead to:

- Corrosion of the system (leaks)
- Formation of scale (blocked pipes)

These can lead to unstable water conditions with potential negative consequences to the life of the plant and operating costs.

### Industry

Industries Others | Marine Industry

### Application

Boiler Water | Cooling Water | Others

### Boiler Water Test Kit

Re-circulating cooling water requires carefully chosen chemical treatments. This helps to minimise microbiological contamination, scaling of critical parts such as heat exchangers and to prevent corrosion.

To be most effective, treatments must be maintained within specific control parameters, as excess inhibitor can have as detrimental an affect as too little.

### Measuring Range

Test Name	Measuring Range
Alkalinity (P, M, OH)	50 - 2400 mg/L CaCO <sub>3</sub>
Chloride	20 - 12000 mg/L Cl <sup>-</sup>
Conductivity	0 - 20 mS/cm
Hardness, total	5 - 600 mg/L CaCO <sub>3</sub>
Hardness (Yes/No)	8 - 20 mg/L CaCO <sub>3</sub>
pH	0 - 14
Sulphite	25 - 150 mg/L Na <sub>2</sub> SO <sub>3</sub>
Tannin	50 - 300 mg/L Tannin

# Delivery Scope

- Plastic case
- SD40 Multi Pocket Tester
- Checkit Comparator
- 0 - 80 mg/L Phosphate HR Checkit Disc
- 2 plastic vials 10mL with lid
- Phosphate HR Comp. Tablets
- Hardness Yes/No Tablets
- pH Buffer 4
- pH Buffer 7
- pH Buffer 10
- 1413uS Standard Conductivity Solution
- Alkalinity 4.5 Indicator TA4
- Alkalinity LR Titrant TA3
- Alkalinity HR Titrant PA2/TA2
- Acidity / Alkalinity P Indicator PA1
- Alkalinity OH Reagent
- Hardness Total Buffer TH2
- Hardness LR Titrant TH3
- Hardness HR Titrant TH4
- Chloride Indicator CC1
- Chloride LR Titrant CC2
- Chloride HR Titrant BC2
- Sulphite Indicator S2
- Tannin Indicator TN1
- Tannin Titrant TN2
- Acetic acid 20%
- Hardness Total Indicator TH1P
- Sulphite Indicator S1
- Syringe plastic, 20 mL
- 2 Titration jars with cap, plastic, 60 mL
- Syringe filter holder, 25mm
- Filter circles GF/C, 25mm
- Instruction manual

Title	Part Number
CHECKIT® Comparator	145000
Syringe, plastic, 20 mL	56A006501
Titration jar with cap, plastic, 60 mL	56A006701
Syringe, plastic, 5 mL	56A008501
Filter GF/C, 25 mm	56A019950
SD40 Multi	720040

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