

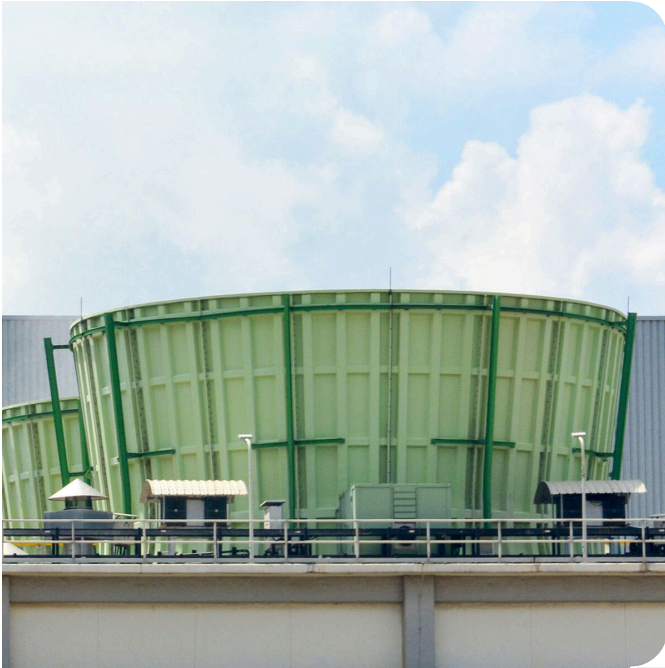
# Lovibond® Water Testing

## Tintometer® Group



## Closed System Engineers Test Kit

The expert tool for reliable result



These Test Kits for cooling water monitoring are specially designed for engineers and mobile use. It provides the equipment and reagents required to monitor the correct amount and dosing levels of various important parameters. You can carry everything you need with you and test directly onsite. The Kit is provided in a robust carry case and includes all important equipment from measurement instruments to reagents.

- Complete analysis kit including molybdate, iron and conductivity
- Prevents corrosion and scale
- Accurate inhibitor dosage rates
- Reproducible, accurate results

Part Number: 56K701600

### Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Marine Industry | Municipalities | Oil and Gas | Pharmaceutical Industry | Power and Energy

### Application

Boiler Water | Cooling Water | Waste Water Treatment

### Closed System Engineers Test Kit

Due to its heat absorption capacity, water is the preferred cooling medium in many areas of industry. However, water always contains many dissolved and undissolved substances that can cause trouble even when travelling in closed cooling circuits. Extensive water treatment or chemical post-treatment by experts is always necessary. Problems are mainly caused by deposits, corrosion and microbiological activities. For the experts, a regular check of certain parameters is therefore just as essential as reliable equipment.

## Measuring Range

Test Name	Measuring Range	Chemical Method
Alkalinity M	50 - 2400 mg/L CaCO <sub>3</sub>	
Aluminium T	0 - 0.3 mg/L Al	Eriochrom Cyanine R
Chloride	20 - 12000 mg/L Cl <sup>-</sup>	
Copper HR T	0 - 5 mg/L Cu	Biquinoline
Glycol	% PEG/MEG	
Hardness, total	5 - 600 mg/L CaCO <sub>3</sub>	
Iron LR T	0.05 - 1 mg/L Fe	PPST
Molybdate HR T	50 - 500 mg/L MoO <sub>4</sub>	Thioglycolate
Nitrite	10 - 2000 mg/L NaNO <sub>2</sub>	

## Delivery Scope

- Plastic case
- SD40 Multi Pocket Tester
- Checkit Comparator
- 50 - 500 mg/L Molybdate HR+ Checkit Disc
- 0 - 1.0 mg/L Iron LR Checkit Disc
- 0 - 0.3 mg/L Aluminium Checkit Disc
- 0 - 5.0 mg/L Copper HR Free and Total Checkit Disc
- 2 Plastic vials 10 mL with lid
- Aluminium No.1 tablets
- Aluminium No.2 tablets
- Copper No. 1 Test tablets
- Copper No. 2 Test tablets
- Molybdate No.1 tablets
- Molybdate No.2 tablets
- pH Buffer 4 solution
- pH Buffer 7 solution
- pH Buffer 10 solution
- Iron Reagent FE5
- Hardness Total Buffer TH2
- Hardness Total Indicator TH1P
- Hardness LR Titrant TH3
- Hardness HR Titrant TH4
- 1413µS Standard Conductivity Solution
- Alkalinity 4.5 Indicator TA4
- Alkalinity LR Titrant TA3
- Alkalinity HR Titrant PA2/TA2
- Nitrite Indicator N1
- Nitrite Titrant N2
- Chloride Indicator CC1
- Chloride LR Titrant CC2
- Chloride HR Titrant BC2
- 2 Titration jars with caps, plastic, 60 mL
- Syringe plastic, 20 mL
- Wash Bottle, 250 mL
- Syringe Filter Holder 25 mm
- Filter Circle 0.45 µm, 25 mm
- Glycol Refractometer, RHA-218ATC
- Instruction manual

## Accessories

Title	Part Number
CHECKIT® Comparator	145000
Syringe, plastic, 20 mL	56A006501
Titration jar with cap, plastic, 60 mL	56A006701
Syringe, plastic, 5 mL	56A008501
Wash Bottle 250 ml	56A009001
Plastic syringe, 1 ml	56A013501
Filter Circle 0.45 µm, 25 mm	56A020050
Test Tube 5/10 mL + Cap	56A600401
Glycol Refractometer	56M000401

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