

# Lovibond® Water Testing Tintometer® Group



## Closed System Weekly Test Kit

For weekly monitoring of closed industrial water systems



The Closed Water Test Kit is designed for use on all types of closed water Systems such as chilled water circuits and heating systems.

The Kit should be used to monitor water conditions to ensure that the systems are under control and do not exhibit signs of corrosion, scaling or microbiological fouling.

The Closed Water Test Kit is supplied in its own robust carry case and includes all the equipment and reagents necessary to perform approx 100 tests.

- Ideal for regular checks on nitrite and pH levels
- Prevents corrosion and scale
- Accurate inhibitor dosage rates
- Reproducible, accurate results

Part Number: 56K701120

### Industry

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

### Application

Cooling Water | Waste Water Treatment

### Closed System Weekly Test Kit

Closed water systems are closed to the greater environment and use very little Make Up (MU) water in their normal operation. A properly 'tight' system will have no more than 5 % MU water annually. Calcium based scale formation is not as significant a risk as corrosion is for these systems. The minimum recommended regular tests are:

- Conductivity/TDS
- pH
- Iron (dissolved & total) Inhibitor (test as applicable)
- Other metals (test as applicable)
- Microbiological check(s)
- Turbidity/Suspended Solids

## Measuring Range

Test Name	Measuring Range	Chemical Method
Conductivity	0 - 20 mS/cm	
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>	
pH	0 - 14	

## Delivery Scope

- Plastic case
- SD40 Multi Pocket Tester
- Checkit Comparator
- 2 Plastic Vials 10ml with Lid
- 50 - 500 mg/l Molybdate HR+ Checkit Disc
- 0 - 1.0 mg/l Iron LR Checkit Disc
- Molybdate No.1 Tablets
- Molybdate No.2 Tablets
- 2 Titration jar with cap, plastic, 60 mL
- Syringe, plastic, 20 mL
- pH Buffer 4
- pH Buffer 7
- pH Buffer 10
- 1413uS Standard Conductivity Solution
- Iron Reagent FE5
- Nitrite Indicator N1
- Nitrite Titrant N2
- Closed System Weekly test kit Manual

Title	Part Number
CHECKIT® Comparator	145000
Syringe, plastic, 20 mL	56A006501
Stirring rod and spoon	56A006601
Titration jar with cap, plastic, 60 mL	56A006701
Plastic syringe, 1 ml	56A013501
Test Tube 5/10 mL + Cap	56A600401

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