

# Lovibond® Water Testing Tintometer® Group



## Water Treatment Engineers Test Kit (visual)

Monitoring water treatment for professionals with visual methods



- Mobile laboratory for water treatment monitoring
- Works with visual tests & further methods
- Ensure system performance & operating costs
- Most efficient monitoring of industrial water samples

Part Number: 56K701300

The Lovibond® Visual Engineers Test Kit is designed for the water treatment professional to be used on all types of industrial water systems such as cooling towers, closed water systems and steam raising boilers.

The Kit uses visual methods on a comparator. It includes drop tests and pocket meters for electrochemistry parameters.

Each test has been chosen specifically for these applications to ensure accurate repeatable results.

Includes the following parameters: Conductivity, pH, glycol, aluminium, bromine, chlorine, copper, iron, molybdate, phosphate.

### 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 | Disinfection Control | Others | Waste-Water Treatment

### Water Treatment Engineers Test Kit (visual)

You need safe, fast and reliable test results?

Take everything you need for chemical analysis of industrial water quality in one hand

This comprehensive Test Kit combines everything water professionals need for on-site analysis with visual test methods and more.

## Measuring Range

Test Name	Measuring Range	Chemical Method
Alkalinity (P, M, OH)	50 - 2400 mg/L CaCO <sub>3</sub>	
Aluminium T	0 - 0.3 mg/L Al	Eriochrom Cyanine R
Bromine T	0 - 5 mg/L Br <sub>2</sub>	DPD
Chloride	20 - 12000 mg/L Cl <sup>-</sup>	
Chlorine MR T	0 - 2 mg/L Cl <sub>2</sub>	DPD
Conductivity	0 - 20 mS/cm	
Copper HR T	0 - 5 mg/L Cu	Biquinoline
Glycol	% PEG/MEG	
Hardness, total	5 - 600 mg/L CaCO <sub>3</sub>	
Hardness (Yes/No)	8 - 20 mg/L CaCO <sub>3</sub>	
Hardness Calcium	5 - 600 mg/L CaCO <sub>3</sub>	
Hydrogen Peroxide	15 - 500 mg/L H <sub>2</sub> O <sub>2</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>	
pH	0 - 14	
Phosphate HR T	0 - 80 mg/L PO <sub>4</sub>	Vanadomolybdate
Phosphonate	0 - 20 mg/L HEDP	
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 - 5 mg/L Bromine Checkit® Disc
- 0 - 4 mg/L Chlorine DPD Checkit® Disc
- 0 - 1.0 mg/L Iron LR Checkit® Disc
- 50 - 500 mg/L Molybdate HR Checkit® Disc
- 0 - 0.3 mg/L Aluminium Checkit® Disc
- 0 - 5.0 mg/L Copper HR Free & Total Checkit® Disc
- 0 - 80 mg/L Phosphate HR Checkit® Disc
- 1 - 10 mg/L Iron HR Checkit® Disc
- 2 Plastic vials 10 mL with lid
- DPD No.1 Rapid tablets BT
- DPD No.3 Rapid tablets
- Molybdate No.1 tablets
- Molybdate No.2 tablets
- Aluminium No.1 tablets
- Aluminium No.2 tablets
- Copper No.1 Test tablets
- Copper No.2 Test tablets
- Phosphate HR Comp. tablets
- Hardness Yes/No tablets
- pH Buffer 4 solution
- pH Buffer 7 solution
- pH Buffer 10 solution
- 1413uS Standard Conductivity solution
- Iron Reagent FE5
- Iron Reagent FE6
- Chloride LR Titrant CC2
- Chloride HR Titrant BC2
- Alkalinity 4.5 Indicator TA4
- Alkalinity LR Titrant TA3
- Alkalinity HR Titrant PA2/TA2
- Acidity / Alkalinity P Indicator PA1
- Alkalinity OH Reagent
- Hardness Total Indicator TH1P
- Hardness LR Titrant TH3
- Hardness HR Titrant TH4
- Tannin Indicator TN1
- Hydrogen Peroxide HR Titrant HP2
- Acetic acid 20%
- Nitrite Titrant N2
- QAC Buffer QA2
- Phosphonate Indicator P4L
- Nitrite Indicator N1
- Tannin Titrant TN2
- Iron Reagent FE8
- Phosphonate pH Adjuster P3
- Chloride Indicator CC1
- Calcium Hardness Indicator CH1P
- Calcium Hardness Buffer CH2

<b>Title</b>	<b>Part Number</b>
CHECKIT® Comparator	145000
Syringe, plastic, 20 mL	56A006501
Titration jar with cap, plastic, 60 mL	56A006701
Syringe, plastic, 5 mL	56A008501
Plastic syringe, 1 ml	56A013501
Test Tube 5/10 mL + Cap	56A600401
Glycol Refractometer	56M000401

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