

# 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

## 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
Plastic syringe, 1 ml	56A013501
Test Tube 5/10 mL + Cap	56A600401
Glycol Refractometer	56M000401

---

### Tintometer GmbH

Lovibond® Water Testing  
Schleefstraße 8-12  
44287 Dortmund  
Tel.: +49 (0)231/94510-0  
sales@lovibond.com  
www.lovibond.com  
Germany

### The Tintometer Limited

Lovibond House  
Sun Rise Way  
Amesbury, SP4 7GR  
Tel.: +44 (0)1980 664800  
Fax: +44 (0)1980 625412  
sales@lovibond.uk  
www.lovibond.com  
UK

### Tintometer China

9F, SOHO II C.  
No.9 Guanghualu,  
Chaoyang District,  
Beijing, 100020  
Customer Care China Tel.: 4009021628  
Tel.: +86 10 85251111 Ext. 330  
Fax: +86 10 85251001  
chinaoffice@tintometer.com  
www.lovibond.com  
China

### Tintometer South East Asia

Unit B-3-12, BBT One Boulevard,  
Lebuh Nilam 2, Bandar Bukit Tinggi,  
Klang, 41200, Selangor D.E  
Tel.: +60 (0)3 3325 2285/6  
Fax: +60 (0)3 3325 2287  
lovibond.asia@tintometer.com  
www.lovibond.com  
Malaysia

### Tintometer Brazil

Caixa Postal: 271  
CEP: 13201-970  
Jundiaí – SP  
Tel.: +55 (11) 3230-6410  
sales@lovibond.us  
www.lovibond.com.br  
Brazil

### Tintometer Inc.

6456 Parkland Drive  
Sarasota, FL 34243  
Tel: 941.756.6410  
Fax: 941.727.9654  
sales@lovibond.us  
www.lovibond.us  
USA

### Tintometer India Pvt. Ltd.

Door No: 7-2-C-14, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> Floor  
Sanathnagar Industrial Estate,  
Hyderabad, 500018  
Telangana  
Tel: +91 (0) 40 23883300  
Toll Free: 1 800 599 3891/ 3892  
indiaoffice@lovibond.in  
www.lovibondwater.in  
India

### Tintometer Spain

Postbox: 24047  
08080 Barcelona  
Tel.: +34 661 606 770  
sales@tintometer.es  
www.lovibond.com  
Spain

Technical changes without notice

Printed in Germany

Lovibond® and Tintometer® are Trademarks of the Tintometer Group of Companies