

Lovibond® Water Testing

Tintometer® Group



Water Treatment Engineers Test Kit (advanced)

Advanced test equipment for water treatment professionals



- All instruments & reagents for daily routine
- Including advanced photometer MD640 for additional parameters
- Early prevention & detection of risks
- Ensure system performance & operating costs

Part Number: 56K701500

Water treatment engineers are engaged daily in the control of water quality in closed circuits, evaporative cooling systems and boiler systems. They need reliable equipment and accurate results to rely on. Both have an important impact on decisions on treatment programs and optimal system performance

This Advanced Engineers Kit contains all you need to protect the life of the plant and operating costs. It allows early detection of corrosion, scale and biofouling and the investigation of increased biological activity.

Includes the following parameters: Conductivity, pH, glycol, aluminium, bromine, chlorine, copper, iron, molybdate, phosphate and alkalinity (M, P, OH).

Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Marine Industry | Municipalities | NGO | Oil and Gas | Pharmaceutical Industry | Pool Domestic | Pool Public | Pool Services | Power and Energy

Application

Boiler Water | Cooling Water | Disinfection Control | Drinking Water Treatment | Galvanization | Others | Pool Water Control | Raw Water Treatment | Waste Water Treatment

Water Treatment Engineers Test Kit (advanced)

This kit contains pocket meters, checkit comparator, drop tests and MD640 photometer for advanced testing an extended range of control parameters.

Take the complete equipment for direct on-site analysis in practical case in one hand.

Advances analysis of all types of industrial water with visual, electrochemical and photometric methods.

Measuring Range

Test Name	Measuring Range	Chemical Method
Alkalinity (P, M, OH)	50 - 2400 mg/L CaCO ₃	
Aluminium T	0.01 - 0.3 mg/L Al	Eriochrom Cyanine R
Bromine T	0.05 - 13 mg/L Br ₂	DPD
Chloride	20 - 12000 mg/L Cl ⁻	
Chlorine T	0.01 - 6.0 mg/L Cl ₂ ^{a)}	DPD
Conductivity	0 - 200 mS/cm	
Copper T	0.05 - 5 mg/L Cu ^{a)}	Biquinoline
Glycol	% PEG/MEG	
Hardness, total	5 - 600 mg/L CaCO ₃	
Hardness (Yes/No)	8 - 20 mg/L CaCO ₃	
Hardness Calcium	5 - 600 mg/L CaCO ₃	
Hydrogen Peroxide	15 - 500 mg/L H ₂ O ₂	
Iron HR L	0.1 - 10 mg/L Fe	Thioglycolate
Iron LR L (A)	0.03 - 2 mg/L Fe	Ferrozine / Thioglycolate
Molybdate T	1 - 50 mg/L MoO ₄	Thioglycolate
Nitrite	10 - 2000 mg/L NaNO ₂	
pH	-2 - 16	
Phosphate HR T	0.33 - 26 mg/L P	Vanadomolybdate
Phosphonate	0 - 20 mg/L HEDP	
PTSA	10 - 400 ppb	Fluorescence
Sulphite	25 - 150 mg/L Na ₂ SO ₃	
Tannin	50 - 300 mg/L Tannin	

Delivery Scope

- Plastic case
- 6 Cuvettes 24 mm round with lids & sealing rings
- SD 335 Multi
- MD640 Photometer
- Brush, 11 cm length
- DPD No.1 tablets BT
- DPD No.3 tablets
- Glycine tablets
- DPD Nitrite tablets bottle
- 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
- Phosphate H.R.P1 tablets
- Phosphate H.R.P2 tablets
- Copper/Zinc L.R.Test Tablets
- Hardness Yes/No tablets
- pH Buffer 4 solution
- pH Buffer 7 solution
- pH Buffer 10 solution
- 1413uS Standard Conductivity Solution
- Iron Reagent FE6
- Iron Reagent FE5
- Alkalinity 4.5 Indicator TA4
- Alkalinity LR Titrant TA3
- Alkalinity HR Titrant PA2/TA2
- Alkalinity OH Reagent
- Hardness Total Buffer TH2
- Hardness Total Indicator TH1P
- Hardness LR Titrant TH3
- Hardness HR Titrant TH4
- Chloride LR Titrant CC2
- Chloride HR Titrant BC2
- Tannin Indicator TN1
- Tannin Titrant TN2
- Acetic acid 20%
- Nitrite Titrant N2
- Phosphonate Titrant P5
- Hydrogen Peroxide Buffer HP1
- Phosphonate Indicator P4L
- Nitrite Indicator N1
- Hydrogen Peroxide HR Titrant HP2
- Iron Reagent FE8
- Phosphonate pH Adjuster P3
- Chloride Indicator CC1
- Calcium Hardness Indicator CH1P
- Calcium Hardness Buffer CH2
- Phosphonate Neutraliser P1/2
- Sulphite Indicator S1
- Sulphite Indicator S2
- Syringe plastic, 20 mL

Title	Part Number
LC 12 for SD 320 / SD 325 Con, up to 200 mS/cm	19805040
ValidCheck Chlorine 1,5 mg/l	48105510
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
SD 335 Multi - basic instrument	724830

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
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, 2nd, 3rd & 4th 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