

# 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

Referencia No: 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, aluminum, bromine, chlorine, copper, iron, molybdate, phosphate and alkalinity (M, P, OH).

### Industria

Energía | Gas y petróleo | Industria alimentaria | Industria farmacéutica | Industria naval | Industria química | Municipios | ONG | Otras industrias | Piscina privada | Piscina pública | Servicios para piscinas

### Aplicaciones

Agua de caldera | Agua de refrigeración | Control de aguas de piscina | Control de desinfección | Galvanizado | Others | Tratamiento de aguas de aporte | Tratamiento de aguas potables | Tratamiento de aguas residuales

### 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.

## Rango de medición

Test Name	Rango de medición	Método químico
Alcalinidad (P, M, OH)	50 - 2400 mg/L CaCO <sub>3</sub>	
Aluminio T	0.01 - 0.3 mg/L Al	Eriocromcianina R
Bromo T	0.05 - 13 mg/L Br <sub>2</sub>	DPD
Chloride	20 - 12000 mg/L Cl <sup>-</sup>	
Cloro T	0.01 - 6.0 mg/L Cl <sub>2</sub> <sup>a)</sup>	DPD
Cobre T	0.05 - 5 mg/L Cu <sup>a)</sup>	Biquinolina
Conductivity	0 - 200 mS/cm	
Dureza, total	5 - 600 mg/L CaCO <sub>3</sub>	
Dureza (Sí/No)	8 - 20 mg/L CaCO <sub>3</sub>	
Fosfato HR T	0.33 - 26 mg/L P	Vanadomolibdato
Fosfonato	0 - 20 mg/L HEDP	
Glicol	% PEG/MEG	
Hardness Calcium	5 - 600 mg/L CaCO <sub>3</sub>	
Hierro HR L	0.1 - 10 mg/L Fe	Tioglicolato
Hierro LR L (A)	0.03 - 2 mg/L Fe	Ferrocina / Tioglicolato
Hydrogen Peroxide	15 - 500 mg/L H <sub>2</sub> O <sub>2</sub>	
Molibdato T	1 - 50 mg/L MoO <sub>4</sub>	Tioglicolato
Nitrito	10 - 2000 mg/L NaNO <sub>2</sub>	
pH	-2 - 16	
PTSA	10 - 400 ppb	Fluorescencia
Sulfito	25 - 150 mg/L Na <sub>2</sub> SO <sub>3</sub>	
Tanino	50 - 300 mg/L Tannin	

## Volumen de suministro

- 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

<b>Título</b>	<b>Referencia No</b>
LC 12 para SD 320 / SD 325 Con, hasta 200 mS/cm	19805040
ValidCheck cloro 1,5 mg/l	48105510
Jeringuilla, plástico, 20 mL	56A006501
Recipiente de valoración con tapa, plástico, 60 mL	56A006701
Jeringuilla de plástico, 5 mL	56A008501
Jeringuilla de plástico 1 ml	56A013501
Tubo de ensayo 5/10 mL + tapa	56A600401
Refractómetro glicol	56M000401
SD 335 Multi (instrumento básico)	724830

#### **Tintometer GmbH**

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

#### **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  
Reino Unido

#### **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  
Malasia

#### **Tintometer Brazil**

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

#### **Tintometer Inc.**

6456 Parkland Drive  
Sarasota, FL 34243  
Tel: 941.756.6410  
Fax: 941.727.9654  
sales@lovibond.us  
www.lovibond.us  
Estados Unidos de América

#### **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  
España