

# Lovibond® Water Testing

## Tintometer® Group



## Water Treatment Engineers Test Kit (advanced)

Advanced test equipment for water treatment professionals



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).

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

Artigo No: 56K701500

### Indústria

Eletricidade e Energia | Indústria de Alimentos e Bebidas | Indústria-Farmacêutica | Indústria Naval | Indústria Química | Municipalidades | Óleo e Gás | ONG | Outras Indústrias | Piscinas Domésticas | Piscinas Públicas | Serviços para Piscinas

### Aplicação

Água de Caldeira | Água de Refrigeração | Controle de Água de Piscina | Controle de Desinfecção | Galvanização | Others | Tratamento de Água Bruta | Tratamento de Água Potável | Tratamento de Esgotos

### 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, electro-chemical and photometric methods.

## Faixa de Medição

Test Name	Faixa de Medição	Método Químico
Alkalinity (P, M, OH)	50 - 2400 mg/L CaCO <sub>3</sub>	
Alumínio T	0.01 - 0.3 mg/L Al	Eriochrom Cyanine 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>	Biquinoline
Condutividade	0 - 200 mS/cm	
Dureza, total	5 - 600 mg/L CaCO <sub>3</sub>	
Dureza (Sim/Não)	8 - 20 mg/L CaCO <sub>3</sub>	
Ferro HR L	0.1 - 10 mg/L Fe	Thioglycolate
Ferro LR L (A)	0.03 - 2 mg/L Fe	Ferrozine / Thioglycolate
Fosfato HR T	0.33 - 26 mg/L P	Vanadomolibdato
Glicol	% PEG/MEG	
Hardness	5 - 600 mg/L CaCO <sub>3</sub>	
Hydrogen Peroxide	15 - 500 mg/L H <sub>2</sub> O <sub>2</sub>	
Molibdênio T	1 - 50 mg/L MoO <sub>4</sub>	Thioglycolate
Nitrito	10 - 2000 mg/L NaNO <sub>2</sub>	
pH	-2 - 16	
Phosphonate	0 - 20 mg/L HEDP	
PTSA	10 - 400 ppb	Fluorescência
Sulphite	25 - 150 mg/L Na <sub>2</sub> SO <sub>3</sub>	
Tannin	50 - 300 mg/L Tannin	

## Texto do Escopo de Entrega

- 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>Artigo No</b>
LC 12 para SD 320 / SD 325 Con, até 200 mS/cm	19805040
ValidCheck Cloro 1,5 mg/l	48105510
Seringa, plástico, 20 mL	56A006501
Recipiente de titulação com tampa, plástico, 60 mL	56A006701
Seringa de plástico, 5 mL	56A008501
Seringa de plástico 1 ml	56A013501
Tubo de ensaio 5/10 mL + CAP	56A600401
Refratômetro de glicol	56M000401
SD 335 Multi (unidade básica)	724830

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