

# Lovibond® Water Testing

## Tintometer® Group



## Water Treatment Engineers Test Kit (visual)

Monitoring water treatment for professionals with visual methods



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.

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

Artigo No: 56K701300

### Indústria

Eletricidade e Energia | Indústria de Alimentos e Bebidas | Indústria-Farmacêutica | Indústria Naval | Indústria Química | Municipalidades | Óleo e Gás | Outras Indústrias

### Aplicação

Água de Caldeira | Água de Refrigeração | Controle de Desinfecção | Others | Tratamento de Esgotos

### 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.

## 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 - 0.3 mg/L Al                               | Eriochrom Cyanine R |
| Bromo T               | 0 - 5 mg/L Br <sub>2</sub>                    | DPD                 |
| Chloride              | 20 - 12000 mg/L Cl <sup>-</sup>               |                     |
| Cloro MR T            | 0 - 2 mg/L Cl <sub>2</sub>                    | DPD                 |
| Cobre HR T            | 0 - 5 mg/L Cu                                 | Biquinoline         |
| Condutividade         | 0 - 20 mS/cm                                  |                     |
| Dureza, total         | 5 - 600 mg/L CaCO <sub>3</sub>                |                     |
| Dureza (Sim/Não)      | 8 - 20 mg/L CaCO <sub>3</sub>                 |                     |
| Ferro LR T            | 0.05 - 1 mg/L Fe                              | PPST                |
| 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>   |                     |
| Molibdato HR T        | 50 - 500 mg/L MoO <sub>4</sub>                | Thioglycolate       |
| Nitrito               | 10 - 2000 mg/L NaNO <sub>2</sub>              |                     |
| pH                    | 0 - 14  |                     |
| Phosphate HR T        | 0 - 80 mg/L PO <sub>4</sub>                   | Vanadomolibdato     |
| 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                          |                     |

## Texto do Escopo de Entrega

- 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

| <b>Título</b>                                      | <b>Artigo No</b> |
|--|------------------|
| Comparador CHECKIT® Comparador                     | 145000           |
| 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        |

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