

Lovibond® Water Testing

Tintometer® Group



Mini Catalogue | Industrial Water

www.lovibond.com



THE COMPANY



The product range comprises:

- Electronic instruments providing results in digital format with data storage and computer linkage.
- High quality visual comparators offering precision colour comparison.
- Accurately formulated chemical reagents in either tablet, powder or liquid form.
- Convenient, easy to use microbiological test equipment and media.
- Test parameters ranging from Acidity to Zinc; pH; Temperature; BOD; COD; Turbidity; Biocides; TVC; *E.coli*; and many more.

All products are available stand-alone or as an integrated set, housed in one of the comprehensive Lovibond® engineered kits.

The Lovibond® product range is being used to ensure water quality throughout the world.

The company has always specialised in scientific and technological products which make water analysis simple and, most importantly, dependable and reliable. The trade-name Lovibond® is synonymous with quality, accuracy and reliability. It is known in over 160 countries, where the company offers innovative products for the precise determination of different types of water:

- Drinking water
- Waste water
- Surface and ground water
- Untreated water and effluents
- Cooling water
- Boiler water
- Swimming pools & spas



THE COMPANY

“*Water is the basis of life. Water analysis and water purification are fundamental to the quality of life.*”

Cay-Peter Voss



The Lovibond® range presents an accurate and flexible approach to routine water analysis that is simple to use, yet gives reliable results in factories, laboratories and in the field.

Tests use either Lovibond® tablet reagents, with a guaranteed shelf life up to 10 years, VARIO powder reagents or liquid reagents, manufactured to rigorous standards in the Lovibond® factories. As the only reagent producer in the world to offer a complete range of reagent forms, the company is unbiased in its advice of which reagent type best suits the need of the application.

Commitment to quality is fundamental to the company's philosophy. All Lovibond® products are manufactured according to the company's DIN ISO 9001:2008 certification and comply with international standards such as ISO 7393/2 and ISO 15705:2002. All the instruments and chemicals conform to the relevant international safety regulations and EC directives.

INDUSTRIAL & PROCESS WATER ANALYSIS

Application specific test kits for the water industry

Specialist Test Kits (Portable Laboratories)

- All-in-one package
- Compact/rugged
- High accuracy & performance

Operator Test Kits

- Easy operation
- Quick and reliable
- Routine analysis

Support Equipment

- Dipslides & incubator
- Glycol refractometer
- C.O.D and B.O.D.

Specialized Methods

- Biocides and sanitizers
- Corrosion/scale inhibitors
- Silt density index (SDI)



BUILD YOUR OWN TEST KIT

Create bespoke test kits for your niche requirement

Step 1

Choose titration test

Digital titrator
or
Drop tests

Step 2

Pick colorimetric tests

Comparator
or
Photometer

Step 3

Add electrochemistry

pH meter
Temperature meter
Conductivity/TDS meter

Step 4

Select a carry case
from a range of strong,
purpose built units
with document wallet,
wheels etc...



BUILDING SERVICES

Critical system control parameters in standard kit formats

Cooling Water

- MD100 photometer for cooling water testing
- Open evaporative cooling system kits
- Closed cooling loop monitoring

Boiler Water

- MD100 photometer for boiler water testing
- Oxygen scavengers
- Corrosion/scale control

Legionella Control

- Biocide & bacteria monitoring
- System control
- Minimise risk

Hot and Cold Water Services

- Cleaning and disinfection
- pH/temperature
- Biocides & bacteria



Monitor process equipment chemicals for maximum efficiency

Food and Beverage

- CIP testing
- Alkali & Q.A.C products
- Cleaners and disinfectants

Industrial Laundry

- Stain and soil control
- Sour and starch tests
- Bleach, peroxide & alkalinity

Cutting Fluids

- Optimise performance
- Control bacteria
- Reduce risks

Anti-Freeze Refractometer

- Quick, simple & robust
- A few drops of sample
- M.E.G and M.P.G scales



WATER CONDITIONING

RO membrane and resin tests for reduced maintenance and regeneration

RO Systems

- Silt density index (SDI) for resin fouling
- Manganese and iron monitoring

Softener Systems

- Resin: Capacity
Fouling
Conversion
- Raw and exchanged water hardness

Point of Sale

- Softener demonstration kit
- Hardness checker
- Alkalinity testers



Trend bacteria analysis to demonstrate system control

Incubator & Dipslides

- General microbial detection (T.V.C)
- Aerobic and anaerobic
- Quick and easy

Coliforms/*E.coli* & *Enterococci*

- Potable water
- Effluent control/detection
- Approved methods

Legionella Test Kit

- Rapid detection of SG.1
- Indicative test for outbreak identification
- Results in minutes

Microbiological Control

- Non-oxidising biocides (Isothiazolinone)
- Chlorine and bromine
- Peroxide and ozone



POTABLE & WASTE WATER

Rapid Analysis in Harsh Environments

Potable (Water Check) Test Kit

- Key quality indicators
- To WHO guidelines
- Rural, non-laboratory based application

Turbidity Meters

- White light (ISO7027)
- Infra red (EPA 180.1)
- 90° scattered light detection

Tools for Waste Water Treatment

Chemical Oxygen Demand (COD) Determination

- Complete COD Set-UP's
- Ready to use barcoded vials
- Maximum reliability and convenience

Portable Flocculation Testing

- Compact and portable
- 4 place with back-light
- Variable speed & timer



RAPID TESTS & REAGENTS

Drop Tests



Test Strips



Comparator Tests



Titrator Tests



PRECISE REAGENT CHEMISTRY IN ALL FORMS



Tablet



Sachet



Liquid



Cartridge

PORTABLE PHOTOMETERS



MD 100 Photometer

- Compact and waterproof
- Single or multi-test options
- Multi-parameter boiler and cooling water versions
- Tablet, powder and liquid reagents
- Storage for historical reporting
- High quality interference filters
- 4 x AAA batteries (5000 tests)

MD 600 / MD 610 / MD 640 (Bluetooth®) Photometer

- Over 120 pre-programmed tests
- Automatic wavelength selection
- Integrated PTSA (fluorescence) option
- Bluetooth® communication
- Store up to 1000 data sets
- Graphical display
- Waterproof (IP68)
- Built-in user selectable language



Bluetooth® is a wireless technology subject to regional approval. The use of the MD 610 with Bluetooth® is currently only permitted within the EU, the USA, and in Canada. The use of the MD 610 will also be possible in other regions in the future. For current regions and further information, visit www.lovibond.com/bluetooth. Regions in which the MD 610 with Bluetooth® can currently be used (status: 07/2015): within the EU (according to R&TTE Directive: 1999/5/EC), USA (according to FCC part 15, comprised in FCC ID Q0081113); Canada (comprised in IC 5123A-BGTBLE113).

ELECTROCHEMISTRY

A range of quality devices for water chemistry on the move

SD Series (Hand Held)

- pH, ORP, μS , TDS, Salt
- Waterproof (IP67)
- Easy-to-use, backlit display

SensoDirect 110 (Portable)

- High accuracy
- Protective armour
- pH, conductivity and TDS (salt) instruments

SensoDirect 150 (Portable)

- Multi-parameter
- pH/redox, D.O. conductivity/TDS
- Real time data logger

SensoDirect 300 (Portable)

- PC interface (with GLP)
- High resolution and accuracy
- Easy-to-read, large screen



Tintometer GmbH

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

UK

Tintometer AG

Hauptstraße 2
5212 Hausen AG
Tel.: +41 (0)56/4422829
Fax: +41 (0)56/4424121
info@tintometer.ch
www.tintometer.ch

Switzerland

Tintometer Inc.

6456 Parkland Drive
Sarasota, FL 34243
Tel.: +1 941 756 6410
Fax: +1 941 727 9654
sales@tintometer.us
www.lovibond.com

USA

Tintometer Spain

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

Spain

Tintometer China

Room 1001, China Life Tower
16 Chaoyangmenwai Avenue,
Beijing, 100020
Tel.: +86 10 85251111 App. 330
Fax: +86 10 85251001
chinaoffice@tintometer.com
www.lovibond.com

China

Tintometer South East Asia

Unit B-3-12, BBT One Boulevard,
Lebuhr 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@tintometer.com.br
www.lovibond.com.br

Brazil

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@tintometer.com
www.lovibondwater.in

India

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