

Lovibond® Water Testing Tintometer® Group



MD 200 Chlorine, pH, Cyanuric acid, Alkalinity-m, tablet reagents (OTZ)

Precise results using high-quality interference filters



- Scroll memory
- Automatic switch-off
- Real-Time-Clock and date
- Calibration mode indicator

Part Number: 2860502

Industry

Marine Industry | Municipalities | Pool Domestic | Pool Public | Pool Services

Application

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

Measuring Range

Test Name	Measuring Range	Chemical Method
Alkalinity-m T	5 - 200 mg/l CaCO ₃	Acid / Indicator
Chlorine HR T	0.1 - 10 mg/l Cl ₂ ^{a)}	DPD
Chlorine T	0.01 - 6.0 mg/l Cl ₂ ^{a)}	DPD
CyA T	10 - 160 mg/l CyA	Melamine
pH-value T	6.5 - 8.4	Phenol Red

Technical Data

Light Source	LED
Optics	LEDs, interference filters (IF) and photo sensor in transparent sample chamber. Depending on the version, up to 3 different interference filters are used. Wavelength specifications of interference filters: 430 nm Δλ = 5 nm

530 nm Δλ = 5 nm
560 nm Δλ = 5 nm
610 nm Δλ = 6 nm

Wavelength Accuracy	± 1 nm
Photometric Range	-2600 - 2600 mAbs
Photometric Accuracy	3 % FS (T = 20 °C – 25 °C)
Operation	Foil keypad
Display	backlit LCD (on keypress)
Suitable Vials	Round Cuvettes 24 mm
Calibration	Factory calibration and user calibration. Reset to factory calibration possible.
Interfaces	Infrared
Internal Storage	internal ring memory for 16 data sets
Power Supply	4 batteries (AA)
Battery Life Time	approx. 53 hours
Auto – OFF	Yes
Clock	Real Time Clock and Date
Portability	Portable
Environmental Conditions	temperature: 5 - 40 °C rel. humidity: 30 - 90 % (non condensing)
Compliance	CE
Protection Class	IP 68
Dimensions	110 x 55 x 190 mm

Delivery Scope Text

- Instrument in plastic case with 4 batteries (AA)
- 3 Round vials with lids
- Sealing rings
- 1 Stirring rod
- 1 Brush
- 1 Syringe (depending on version)
- Reagents for 100 tests each (exception liquid reagents)
- Instruction manual
- Certificate (COC)
- Warranty information

Accessory

Title	Part Number
Water sampler, AF 631	170500
Batteries (AA), set of 4	1950025
Round cuvette 24 mm, set of 12	197620
Sealing ring for round vials 24 mm, set of 12	197626
Round cuvette 24 mm, set of 5	197629
Cleaning cloth	197635
Round cuvette 16 mm, set of 10	197665
Adapter for round cuvettes 16 mm	19802190
Battery lid	19802241
Infrared data transmission modul IRiM	214050
Verification Standard Kit MD 100 / 200	215670
Reference Standard Kit Chlorine - 0.2 and 1.0	275650
Reference Standard Kit Chlorine - 0.5 and 2.0	275655
Reference Standard Kit Chlorine - 1.0 and 4.0	275656
Reference Standard Kit pH - 7.45	275670
Stirring rod, 13 cm length	364100
Stirring rod, 10 cm length	364109
Stirring rod, 13 cm length, set of 10	364120
Stirring rod, 10 cm length, set of 10	364130
Membrane filter set for use when preparing samples, 25 membrane filters 0.45 µm, 2 syringes 20 ml	366150
Lid, AF 631	375068
500 ml bottle, AF 631	375069
Brush, 11 cm length	380230
Measuring beaker, 100 ml	384801
Cuvette stand for 6 round cuvettes Ø 24 mm	418951
Cuvette stand for 10 round cuvettes Ø 16 mm	418957
Basic price for calibration certificate for each unit	999845
Additionally for each method	999855

Tintometer GmbH

Lovibond® Water Testing
Schleefstraße 8-12
44287 Dortmund
Tel.: +49 (0)231/94510-0
Fax: +49 (0)231/94510-30
sales@tintometer.de
www.lovibond.com
Germany

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 Inc.

6456 Parkland Drive
Sarasota, FL 34243
Tel: 941.756.6410
Fax: 941.727.9654
sales@tintometer.us
www.lovibond.com
USA

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 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 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

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 Brazil

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

Tintometer Spain

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

Waterlilly Australia Pty Ltd
Tel.: +61 (0) 297989975
water-lilly@bigpond.com
www.waterlillyaustralia.com
Australia