

Lovibond® Water Testing

Tintometer® Group



CHECKIT® Comparator Water Balance Chlorine DPD/pH/Cyanuric acid/Calcium hardness/Total Alkalinity

Comparison with colour discs



- Supplied field-ready in a carrying case with reagents and accessories for 100 tests
- Wide range of parameters for a variety of applications
- Color discs have a continuous color gradient making it possible to achieve a direct color match - no need to extrapolate the result between two color standards

Part Number: 147028

Step-By-Step Instructions

Multi-lingual instructions provide an illustrated step-by-step explanation of how to conduct the test - ensuring that even "non-chemists" can achieve reliable and accurate measurements quickly.

Wide Variety of Parameters

Many parameters have multiple testing ranges and methods available. Additional testing parameters can be added by purchasing additional discs and reagents - utilize the same comparator housing for all of your test.

One Piece Comparator Housing

The rugged design of the one-piece comparator housing has no "moving pieces" that can become lost or broken. Simply slip the color disc into the housing until it clicks into place and you're ready to test. Test results are easily viewed in the results window.

Easy to View Results

The Diffuser Panel on the backside of the CHECKIT® Comparator housing helps to disperse light evenly among the sample and the blank tube. This makes it easier to achieve an accurate color match and helps the user visually compensate for turbidity in the sample.

Continuous Color Gradient

Color discs have a continuous color gradient making it possible to achieve a direct color match - no need to extrapolate the result between two color standards.

Industry

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

Application

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

Title

Part Number

Plastic cell, 13,5 mm path length, with grey lid, set of 10	145500
Plastic cell, 13,5 mm path length, with grey lid, set of 5	145505
Plastic cell, 13,5 mm path length, with grey lid, set of 100	145510
Cuvette stand for 10 round cuvettes Ø 16 mm	418957

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Water Balance in private pools and spas is the focus of this test kit for controlling the most important parameters of water quality. These include above all disinfectants based on chlorine (free, bound and total chlorine) and the pH value. Cyanuric acid, as a carrier substance of organic or stabilised chlorine, is important for the water balance and binds part of the chlorine content measured by DPD 1 at higher concentrations. High calcium hardness can cause turbidity. If the value is too low, the water becomes aggressive and damage to the building fabric is the result. Alkalinity-M describes the ability of the water to keep the pH value stable when acid or lye is added.

Measuring Range

Test Name	Measuring Range	Chemical Method
Alkalinity-m	20 - 800 mg/L CaCO ₃	
Chlorine HR T	0 - 4 mg/L Cl ₂	DPD
Cyanuric acid	20 - 200 mg/L CyA	
Hardness, calcium	20 - 800 mg/L CaCO ₃	
pH value T	6,5 - 8,4 pH	Phenol Red

Delivery Scope

- CHECKIT® Comparator with standard optics
- CHECKIT® Disc pH
- CHECKIT® Disc Chlorine DPD
- 3 cuvettes plastic, 10 ml with lid
- DB 513 graduated plastic jar, 100 ml
- Plastic centrifuge tubes
- Round bottle 100 ml
- Syringe of MINIKIT cyanuric acid
- Plastic stirring rod 10 cm
- Brush, 105 mm
- Measuring beaker, 100 ml
- 100 tablet reagents DPD No.1 Rapid
- 100 tablet reagents DPD No.3 Rapid
- 100 tablet reagents Phenolred Rapid
- 100 tablet reagents CyA test
- 100 tablet reagents ALK TEST
- 100 tablet reagents CALTEST
- Instruction manuals
- Warranty information
- in case

Tintometer GmbH

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

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,
Lebu 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@lovibond.us
www.lovibond.com.br
Brazil

Tintometer Inc.

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

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@lovibond.in
www.lovibondwater.in
India

Tintometer Spain

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