

Lovibond® Water Testing Tintometer® Group



MD50 üre

Precise water control with proven and compact measuring system



- High-precision optics to ensure accuracy and reproducibility
- Wired and wireless data transfer option
- Multiple single parameter variants for diverse applications

Ürün No: 280160

The MD50 has several key features that make it a favorite among users.

Robust Design

The MD50 is built to last. Its rugged industrial design, complete with rubber-protected sides and an IP67 rating, ensures unmatched durability and reliability even in demanding environments.

Accurate, Reproducible Results

The innovative optical system of the MD50 delivers exceptional accuracy and speed, ensuring precise readings in record time.

Factory Programmed Methods

All MD50 instruments come with pre-programmed methods for different types of reagents. Simply select the test you need, prepare your sample, and test! To simplify test selection, you can choose the reagent type from the settings and display only your desired methods in the methods list.

User Calibration and User defined Method

A one-point calibration is possible with the MD50. The instrument automatically saves the calibration protocol in the logs along with the calibration factor. All user-calibrated methods are displayed with a calibration icon on the screen. Can't find the method you need? The MD50 also allows you to program a user-defined method using PC software.

One-Time-Zero Function

Save time by zeroing the instrument once for each sample. When testing a new sample, zero the instrument once and all subsequent tests of that sample do not require re-zeroing. You can also activate or deactivate the OTZ function for all methods in the settings.

Automatic Data Storage

The MD50 automatically stores the last 100 readings and protocols with a time and date stamp. Results remain in storage even during a battery exchange.

Data Transfer

The MD50 offers smooth and effortless data transfer. You can transfer data to the AquaLX® app via NFC or use a USB cable to transfer da-

ta to PC software. Data can also be exported in CSV format for programs like Excel.

Ergonomic Design

Whether you're using the MD50 in the field or in the lab, its design makes it easy to handle and view the display. In the field, the compact size and side protections ensure a firm grip during use. In the lab, rubber feet on the bottom of the housing eliminate the need for two-handed operation or chasing your instrument around the workbench.

GLP Compliance

To ensure data quality and integrity, the MD50 creates and saves a protocol for each change made during operation.

2-year Warranty

Sanayi

Belediyeler | Deniz Sanayi | Diğer Sanayiler | Halka Açık Havuz | Havuz Hizmetleri

Uygulama

Havuz Suyu Kontrol

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The MD50 series offers a comprehensive range of single parameter photometers that meet the most diverse needs of water treatment. With its language-free user interface based on icons and animations, it offers unparalleled ease of use. The robust design of the MD50 ensures that the instrument can withstand the toughest conditions in the field.

Ölçüm Aralığı

Test Name	Ölçüm Aralığı	Kimyasal Metod
Üre T	0.1 - 2.5 mg/L Urea	Indofenol/Ureaz
Üre T	0.2 - 5 mg/L Urea ⁹⁾	Indofenol/Ureaz

Teknik Veri

Optikler	LED, spektrometre sensörü, parazit filtresi (yalnızca seçili varyantlar)
Işık Kaynağı	LED
Dalga Boyu	Variant specific (415, 445, 480, 515, 530, 555, 590, 630, 680)
Fotometrik Aralık	0 - 3 Abs
Uygun Şişeler	Yuvarlak Küvetler 13 mm Yuvarlak Küvetler 16 mm Yuvarlak Küvetler 24 mm
Ekran	Arka plan aydınlatmalı LCD
Arayüzler	USB-C NFC (Near Field Communication)
Veri Aktarım Formatı	.csv
Kullanım	Folyo klavye
Auto - OFF	Evet
Programlanabilirlik	PC yazılımı ile evet
Kalibrasyon	Fabrika ve kullanıcı ayarı - her zaman fabrika ayarına geri dönüş mümkündür
Güncellemeler	Ürün yazılımı ve yöntem güncellemesi
Dahali Depolama	100 veri kaydı için dahili halka bellek
Pil Ömrü	yaklaşık 5000 ölçüm (arka ışısız)
Taşınabilirlik	Taşınabilir
Kirlilik Derecesi	2
Deniz seviyesinden maksimum yükseklik	3500 m
Çevre Koşulları	30 - %95 bağıl nemde (yoğuşmasız) 5 - 50 °C
Koruma Sınıfı	IP 67
Uygunluk	CE
Diller Tam Kullanım Kılavuzu	İngilizce, Almanca, İspanyolca, Fransızca, Portekizce, İtalyanca, Flamenkçe, Tükçe, Rusça, Çince
Boyutlar	155 x 76 x 45 mm

Teslimat Kapsam Metni

- 1 Instrument in Carrying case
- 2 batteries (AA)
- 3 round cuvettes (glass) with lid and Sealing rings
- 1 Screwdriver
- 3 Stirring rods
- 1 Syringe 10 mL
- 1 Cleaning brush
- 1 USB-C to USB-A cable
- 1 Instruction manual
- 1 Certificate (COC)
- 1 Warranty information

Başlık	Ürün No
250 mL şişe ve kapakla birlikte numune toplama ünitesi, AF 631	170500
Kapaklı yuvarlak küvet Ø 24 mm, 48 mm yükseklik, 10 ml, 12'li set	197620
24 mm'lik yuvarlak küvetler için küvet keçesi, 12'li set	197626
Kapaklı yuvarlak küvet Ø 24 mm, 48 mm yükseklik, 10 ml, 5'li set	197629
Temizleme Bezi	197635
Tapalı karıştırma silindiri, molibden LR'nin MD 100 (276140) ile tespiti için gerekli bir aksesuardır	19802650
MD50 için sabit fiyatlı hizmet paketi	19802710
Servis planı - MD50 için 3 yıl	19802810
USB-C kablosu 1 m, USB-C - A	19820-081
Doğrulama standardı kiti MD50	215700
Referans standardı kiti Klor 0,2 ve 1,0 mg/l (MD50)	275620
Referans standardı kiti Klor 0,5 ve 2,0 mg/l (MD50)	275621
Referans standardı kiti Klor 1,0 ve 4,0 mg/l (MD50)	275622
Plastik karıştırma çubuğu, 13 cm uzunluk	364100
Plastik karıştırma çubuğu, 10 cm uzunluk	364109
Plastik karıştırma çubuğu, 13 cm uzunluk, 10'lu set	364120
Plastik karıştırma çubuğu, 10 cm uzunluk, 10'lu set	364130
250 mL şişe, AF 631	375072
Fırça, uzunluk 11 cm	380230
Ölçü kabı, 100 ml	384801
6 yuvarlak küvet için küvet Ø 24 mm	418951
Tutamaklı plastik huni	471007
CI M100 (MD50) yöntemi için Fabrika Kalibrasyon sertifikası ISO 9001	999720
CI M110 (MD50) yöntemi için Fabrika Kalibrasyon sertifikası ISO 9001	999721
MD50 için Fabrika Kalibrasyon sertifikası ISO 9001	999756

Tintometer GmbH

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

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
Birleşik Krallık

Tintometer China

Room 1001, China Life Tower
16 Chaoyangmenwai Avenue,
Beijing, 100020
Customer Care China Tel.: 4009021628
Tel.: +86 10 85251111 App. 330
Fax: +86 10 85251001
chinaoffice@tintometer.com
www.lovibond.com
Çin

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
Malezya

Tintometer Brazil

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

Tintometer Inc.

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

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
Hindistan

Tintometer Spain

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