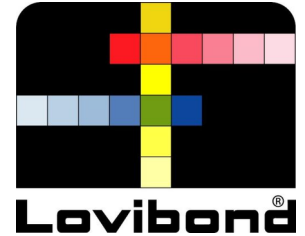


# Lovibond® Water Testing Tintometer® Group



## MD50 Ozon, poederreagentia

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

BestelNr.: 280135

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

data 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**

## Industrie

Chemische industrie | Energieleveranciers | Farmaceutische industrie | Gemeenten | Olie-industrie | Openbaar zwembad | Overige industrieën | Scheepvaart | Voedingsmiddelen- en drankenindustrie

## Applikation

Afvalwaterzuivering | Behandeling drinkwater | Controle desinfectiemiddel | Ketelwater | Zuivering vervuild water

## MD50 Ozon, poederreagentia

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.

## Meetbereik

| Test Name | Meetbereik                      | Chemische methode |
|-----------|---------------------------------|-------------------|
| Ozon PP   | 0.015 - 1.2 mg/L O <sub>3</sub> | DPD/Glycine       |
| Ozon T    | 0.02 - 2 mg/L O <sub>3</sub>    | DPD/Glycine       |

## Technische gegevens

|  |  |
|--|--|
| <b>Optiek</b>                          | LED, spectrometersensor, interferentiefilter (alleen geselecteerde varianten)                |
| <b>Lichtbron</b>                       | LED  |
| <b>Wellenlänge</b>                     | 530  |
| <b>Fotometrisch bereik</b>             | 0 - 3 Abs  |
| <b>Geschikte cuvetten</b>              | Ronde cuvetten 24 mm   |
| <b>Display</b>                         | Lcd met achtergrondverlichting (met druk op de toets)  |
| <b>Interfaces</b>                      | USB-C<br>NFC (Near Field Communication)  |
| <b>Data transfer formaat</b>           | .csv   |
| <b>Bediening</b>                       | Folietoetsenbord   |
| <b>Auto – OFF</b>                      | Ja   |
| <b>Programmeerbaarheid</b>             | ja met pc-software   |
| <b>IJking</b>                          | Fabrieks- en gebruikersafstelling - terugkeer naar fabrieksafstelling op elk moment mogelijk |
| <b>Updates</b>                         | Firmware en methoden bijwerken   |
| <b>intern geheugen</b>                 | Внутренняя кольцевая память на 100 записей данных  |
| <b>Levensduur batterij</b>             | ca. 5000 metingen (zonder achtergrondverlichting)  |
| <b>Draagbaarheid</b>                   | Draagbaar  |
| <b>Mate van vervuiling</b>             | 2  |
| <b>Maximale hoogte boven zeeniveau</b> | 3500 m   |
| <b>Bedrijfsomstandigheden</b>          | 5 - 50 °C при относительной влажности 30 - 95 % (без конденсации)                            |
| <b>Beschermingsklasse</b>              | IP 67  |
| <b>Compliance</b>                      | CE   |
| <b>Talen gebruiksaanwijzing</b>        | Duits, Engels, Frans, Spaans, Italiaans, Portugees, Chinees, Nederlands                      |
| <b>Afmetingen</b>                      | 155 x 76 x 45 mm   |

## Leveromvang

- 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

| Omschrijving   | Bestelnr. |
|--|-----------|
| Monsterverzamelaar met 250 mL fles en deksel, AF 631                                     | 170500    |
| Ronde cuvetten met deksel Ø 24 mm, hoogte 48 mm, 10 ml, set van 12                       | 197620    |
| Cuветafdicthing voor ronde cuvetten 24 mm, 12 set  | 197626    |
| Ronde cuvetten met deksel Ø 24 mm, hoogte 48 mm, 10 ml, set van 5                        | 197629    |
| Reinigingsdoek   | 197635    |
| Mengcilinder met stop noodzakelijk voor het bepalen van molybdeen LR met MD 100 (276140) | 19802650  |
| Servicepakket met vaste prijs voor MD50  | 19802710  |
| Service plan - 3 jaar voor MD50  | 19802810  |
| USB-C cable 1 m, USB-C to A  | 19820-081 |
| Kunststof roerstaafje, 13 cm lang  | 364100    |
| Kunststof roerstaafje, 10 cm lang  | 364109    |
| Kunststof roerstaaf, 13 cm lang, set van 10  | 364120    |
| Kunststof roerstaaf, 10 cm lang, set van 10  | 364130    |
| 250 mL flesje, AF 631  | 375072    |
| Borstel, 11 cm lang  | 380230    |
| Maatbeker, 100 ml  | 384801    |
| Cuветhouder voor 6 ronde cuvetten ø 24 mm  | 418951    |
| Kunststof trechter met handvat   | 471007    |
| Fabriekskalibratiecertificaat ISO 9001 voor methode CI M100 (MD50)                       | 999720    |
| Fabriekskalibratiecertificaat ISO 9001 voor methode CI M110 (MD50)                       | 999721    |
| Fabriekskalibratiecertificaat ISO 9001 voor MD50   | 999756    |

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