

Lovibond® Water Testing

Tintometer® Group



SD 315 Oxi (Set 1)

Waterproof Hand-held Meters for the determination of Dissolved oxygen (O₂)/O₂ -Concentration/O₂ -Saturation Temperature



- Rugged, water resistant (IP 67)
- PC interface (USB / serial or analog)
- Automatic buffer detection (SD 300 pH)
- Data logger and alarm function (min./ max.)

Part Number: 724680

No polarization

The well-known Clark oxygen sensor allows immediate measurement without polarization time.

Versatile

The SD 315 Oxi is aimed at industry, laboratories and urban facilities, such as sewage treatment or water works.

Data management

A data logger and the corresponding logger software ensure simplified processing of the data obtained.

To ensure that this works under all visual conditions, the device is delivered with a backlit display.

housing

The protective armor not only guarantees a secure grip but also protection against fall damage.

The stand attached to the back of the housing can also be used as a hanger or belt clip.

Alarm

The integrated alarm alerts you if the measured value deviates once from the predefined values.

Auto-Hold

The auto-hold function makes it easy to read the measured values.

Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Marine Industry | Municipalities | NGO | Oil and Gas | Pharmaceutical Industry | Power and Energy

SD 315 Oxi (Set 1)

Portable handheld instrument for the determination of dissolved oxygen. It's reliable, rugged, and ideal for instant measurements with no time-consuming polarization time, thanks to the Clark oxygen sensor.

Measuring Range

| Test Name | Measuring Range |
|-------------|----------------------------|
| Oxygen | 0 - 70 mg/L O ₂ |
| Oxygen | 0 - 600 % |
| Temperature | 0 - 50 ° C |

Technical Data

| | |
|---------------------------------|---|
| Display | Backlit LCD |
| Data Logger | Manual Logger: 1000 data sets (single value by key-stroke). Auto. Logger: 10000 data sets (cyclic, time interval: 1 - 3600 s) |
| Auto – OFF | Yes |
| Power Supply | 2 AAA batteries Micro-USB |
| Portability | Portable |
| Temperature Compensation | yes |
| Protection Class | IP 67 |
| Compliance | CE |
| Languages User Interface | German, English, French, Spanish, Italian, Portuguese, Dutch, Chinese |
| Dimensions | 98 x 37 x 164 mm |

Delivery Scope

- Instrument in protective armoring including electrode holder
- Batteries
- Oxygen sensor with 2 m cable
- Electrolyte solution (KOH) 100 ml
- Calibration bottle with sponge
- 2 pcs. spare membrane heads
- Instruction manual
- Warranty information

Accessories

| Title | Part Number |
|---|-------------|
| KOH 100, Spare Electrolyte, 100 ml for SD 310 / SD 315 Oxi | 19801130 |
| Oxygen sensor for SD 310 / SD 315 Oxi with 2 m cable, Platinum cathode / Lead anode | 19805050 |
| Oxygen sensor for SD 310 / SD 315 Oxi with 10 m cable, Platinum cathode / Lead anode | 19805051 |
| Oxygen sensor for SD 310 / SD 315 Oxi with 30 m cable, Platinum cathode / Lead anode | 19805052 |
| Protection cap for Oxygen sensor SD 310 / SD 315 Oxi for depth measurement (PVC) | 19805055 |
| Protection cap for Oxygen sensor SD 310 / SD 315 Oxi for depth measurement (brass) | 19805056 |
| Bottle for storage and calibration | 19805057 |
| USB cable, for connection to a computer for SD 300 / SD 305 | 724620 |
| GSOFT 3050 Windows-Software with logger for SD 300 / SD 305 series | 724625 |
| Service Set for Oxygen sensor SD 300 / SD 315 Oxi consisting of 3 pcs. Spare Membrane Heads and 100 ml KOH (1.18 mol/l) Elektrolytle solution | 724670 |
| Case incl. foam for SD 305 series | 725070 |

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

Technical changes without notice
Printed in Germany

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