

# Lovibond® Water Testing

## Tintometer® Group



### SD 315 Oxi (Set 1)

Waterproof Hand-held Meters for the determination of Dissolved oxygen (O<sub>2</sub>)/O<sub>2</sub> -Concentration/O<sub>2</sub> -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 <sub>2</sub>
Oxygen	0 - 600 %
Temperature	0 - 50 ° C

## Technical Data

<b>Display</b>	Backlit LCD
<b>Data Logger</b>	Manual Logger: 1000 data sets (single value by key-stroke). Auto. Logger: 10000 data sets (cyclic, time interval: 1 - 3600 s)
<b>Auto – OFF</b>	Yes
<b>Power Supply</b>	2 AAA batteries Micro-USB
<b>Portability</b>	Portable
<b>Temperature Compensation</b>	yes
<b>Protection Class</b>	IP 67
<b>Compliance</b>	CE
<b>Languages User Interface</b>	German, English, French, Spanish, Italian, Portuguese, Dutch, Chinese
<b>Dimensions</b>	98 x 37 x 164 mm
<b>Weight</b>	287 g

## 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

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