

# Lovibond® Water Testing

## Tintometer® Group



### SD 335 Multi (Set 3) - pH/Con/DO

Waterproof handheld meter for the simultaneous determination of pH, temperature and either conductivity/TDS/salinity or dissolved oxygen



- Intuitive user interface with graphical LCD-display
- Galvanically isolated measuring inputs
- Data transfer via Micro-USB in CSV format
- Robust protective armouring with two electrode holders

Part Number: 724820

#### Modern technology

Due to galvanic isolation the temperature and two other parameters can be determined and displayed simultaneously.

#### Intuitive Handling

The combination of user-friendly operation and graphic LCD display in 7 different languages makes the portable measuring instrument the ideal companion for daily use in water analysis.

#### Data management

Measurement data including time stamp and location ID can be recorded with the data logger function. Via the micro-USB interface, the data can be easily transferred to a computer and processed without the need of additional software.

#### Protective armouring

The protective armouring with two electrode holders guarantees safe working even in extreme environmental conditions at all times. The stand attached to the back of the housing can be used conveniently as a hanger or belt clip.

#### Additional features

The range of functions is completed by the status display for the rechargeable NiMH batteries, the self-diagnosis of the sensors and much more.

#### Industry

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

#### Application

Boiler Water | Cooling Water | Drinking Water Treatment | Pool Water-Control | Waste Water Treatment

#### SD 335 Multi (Set 3) - pH/Con/DO

Portable multiparameter handheld meter for the simultaneous determination of pH, temperature and conductivity or dissolved oxygen. The combination of user-friendly operator guidance and graphic LCD display makes the meter the ideal companion for daily on-site analysis of water.

## Measuring Range

Test Name	Measuring Range
Conductivity	0 - 200 mS/cm
Oxygen	0 - 500 %
pH	-2 - 16
Redox	-2000.0 - 2000.0 mV
Salinity	0 - 70 g/kg
TDS	0 - 200 g/L
Temperature	-10 - 110 °C

## Technical Data

<b>Display</b>	Backlit LCD with graphical display
<b>Data Logger</b>	Manual logger by keystroke. Automatic logger, cyclic, time interval adjustable.
<b>Auto – OFF</b>	Yes
<b>Power Supply</b>	3 NiMH-battery pack (AAA) Micro-USB
<b>Portability</b>	Portable
<b>Temperature Compensation</b>	yes
<b>IP Rating</b>	IP 67
<b>Compliance</b>	CE RoHS WEEE
<b>Dimensions</b>	100 x 164 x 37 mm
<b>Weight</b>	310 g

## Delivery Scope

- Instrument in protective armoring including electrode holder (2 pc.)
- pH/temp. plastic-electrode type 231 (order code 721231)
- Conductivity cell LC 12 (measuring range 0-200 mS/cm)
- Oxygen sensor with 2 m cable
- pH-buffer-set (pH 4.01/7.00/10.01)
- Storage Solution for pH/ORP
- Conductivity solutions (1413 µS/cm)
- Electrolyte solution (KOH) 100 ml
- Calibration bottle with sponge
- 2 pcs. spare membrane heads
- NiMH battery pack
- Micro USB cable
- Instruction manual
- Warranty information
- Case

Title	Part Number
Redox calibration solution, 470 mV, 100 ml	195070
KOH 100, Spare Electrolyte, 100 ml for SD 310 / SD 315 Oxi	19801130
LC 12 for SD 320 / SD 325 Con, up to 200 mS/cm	19805040
LC 16 for SD 320 / SD 325 Con, up to 1000 mS/cm	19805045
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
pH electrode, plastic/gel, type 226, without temperature sensor, BNC-plug	721226
pH/temp. electrode, type 231, plastic/gel/temp. NTC30kOhm, BNC-plug for SD 300 / SD 305 pH (SET 1)	721231
pH electrode glass/gel, type 235, without temperature sensor, BNC-plug for SD 300 / SD 305 pH	721235BNC
Redox electrode, plastic/gel, BNC-plug, approx. 1 m cable	721242
Pt 1000, temperature sensor, metal, diameter 3 mm (SET 2)	721246
pH Buffer solution 4,01 (25 °C) red, 90 ml traceable to N.I.S.T	721247
pH-Buffer solution 7,00 (25 °C) yellow, 90 ml traceable to N.I.S.T.	721248
pH-Buffer solution 10,01 (25 °C) blue, 90 ml traceable to N.I.S.T.	721249
pH-Buffer solution Set pH 4, pH 7, pH 10 (25 °C), 90 ml	721250
pH Buffer solution 4,01 (25 °C) red, 1 ltr.traceable to N.I.S.T	721252
pH-Buffer solution 7,00 (25 °C) yellow, 1 ltr. traceable to N.I.S.T.	721254
pH-Buffer solution 10,01 (25 °C) blue, 1 ltr. traceable to N.I.S.T	721256
Calibration solution 1413 µS/cm, 500 ml, traceable to N.I.S.T	722250
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) Elektrolyte solution	724670
Case incl. foam for SD 335 Multi	725080
3 M KCl Storage Solution for pH/ORP, 25 ml	726402
3 M KCl Storage Solution for pH/ORP, 100 ml	726404
Conductivity Solution (1413 µS/cm) - 90 ml - traceable to N.I.S.T.	726654
Conductivity Solution (12.88 mS/cm) - 90 ml - traceable to N.I.S.T.	726684

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**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  
sales@lovibond.uk  
www.lovibond.com  
UK

**Tintometer China**

9F, SOHO II C. No.9 Guanghualu,  
Chaoyang District,  
Beijing, 100020  
Customer Care Tel.: +86 (021) 69910081  
Tel.: +86 10 85251111 Ext. 330  
Fax: +86 10 85251001  
chinaoffice@tintometer.com  
www.lovibond.com  
China

**Lovibond Tintometer Sdn Bhd**

Unit B-3-12, BBT One Boulevard,  
Lebuh Batu Nilam 2, Bdr Bkt Tinggi,  
41200, Klang, Selangor,  
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, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> 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