

# Lovibond® Water Testing Tintometer® Group



## SD 325 Con (Set1)

Waterproof Hand-held Meters for the determination of Conductivity/TDS/Salinity/Temperature



- Rugged, water resistant (IP 67)
- PC interface (USB / serial or analog)
- Data logger and alarm function (min./max.)
- Good Laboratory Practice (GLP-features)

Part Number: 724740

### User-friendly operation

The comfortable operation is completed by a large, backlit display. So you have the measurement results directly in view in every situation.

### Technically advanced

Datalogger, automatic temperature compensation and buffer detection are further features of the SD 325 Con.

### Data management

Data collected by the data logger can be transferred to the computer via USB interface (serial or analogue).

### 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.

### Variable equipment

Depending on the measuring range, three conductivity measuring cells with innovative 2 or 4-pole technology are available.

### Additional equipment

Battery and electrode status indication, battery replacement display, auto-off, auto-hold, min./max. Value memory are mandatory functions.

### Industry

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

### SD 325 Con (Set1)

Robust, waterproof (IP67) and portable handheld meter for measuring conductivity, TDS, salinity and temperature. Ease of use and protective arming guarantee safe working, even in extreme environmental conditions.

### Measuring Range

| Test Name    | Measuring Range |
|--------------|-----------------|
| Conductivity | 0 - 200 mS/cm   |
| Salinity     | 0 - 70 g/kg     |
| TDS          | 0 - 5000 mg/L   |
| Temperature  | -5 - 100 °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<br>Micro-USB  |
| <b>Portability</b>              | Portable  |
| <b>Temperature Compensation</b> | Automatic   |
| <b>Protection Class</b>         | IP 67   |
| <b>Compliance</b>               | CE<br>RoHS<br>WEEE  |
| <b>Languages User Interface</b> | German, English, French, Spanish, Italian, Portuguese, Dutch, Chinese   |
| <b>Dimensions</b>               | 128 x 164 x 37 mm   |
| <b>Weight</b>                   | 287 g   |

## Delivery Scope

- Instrument in protective armoring including electrode holder
- Batteries
- Conductivity cell LC 12 (measuring range 0-200 mS/cm)
- Conductivity solutions (1413  $\mu\text{S/cm}$  ; 12.88 mS/cm)
- Manual
- Warranty information in case

| Title  | Part Number |
|--|-------------|
| 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    |
| LC 10 Pure water conductivity cell for SD 320 / SD 325 with 1 m cable          | 19805046    |
| Calibration solution 1413 $\mu\text{S/cm}$ , 500 ml, traceable to N.I.S.T      | 722250      |
| 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      |
| Case incl. foam for SD 305 series  | 725070      |
| Conductivity Solution (1413 $\mu\text{S/cm}$ ) - 90 ml - traceable to N.I.S.T. | 726654      |
| Conductivity Solution (12.88 mS/cm) - 90 ml - traceable to N.I.S.T.            | 726684      |

### 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 China Tel.: 4009021628  
Tel.: +86 10 85251111 Ext. 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@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