

Lovibond® Water Testing

Tintometer® Group



SD 305 pH/ORP (Set 2)

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

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: 724641

Technically advanced

A particularly high resolution (0.001 pH / 0.1 mV) for maximum accuracy, automatic temperature compensation and buffer detection are further features of the SD 305 pH/ORP.

User-friendly Handling

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

Data management

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

Housing

The protective reinforcement not only guarantees safe working at all times, even in extreme environmental conditions. The stand attached to the back of the housing can also be used as a hanger or belt clip.

Additional equipment

Battery and electrode status indication, battery replacement indicator, auto-off, auto-hold, min./max. Value memory are also included as functions.

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 | Pool Water Treatment | Waste Water Treatment

SD 305 pH/ORP (Set 2)

Portable handheld instrument for the determination of pH values. It is reliable, waterproof (IP67) and robust, making it an ideal solution for on-site analysis.

Measuring Range

| Test Name | Measuring Range |
|-------------|---------------------|
| pH | -2 - 16 |
| Redox | -1999.9 - 1999.9 mV |
| Temperature | -5 - 150 °C |

Technical Data

| | |
|---------------------------------|--|
| Display | Backlit LCD |
| Interfaces | USB |
| Data Logger | Manual Logger: 1000 data sets (single value by keystroke). Auto. Logger: 10000 data sets (cyclic, time interval: 1 - 3600 s) |
| Calibration | automatic or manual 1-, 2, or 3-point calibration |
| Power Supply | 2 AAA batteries Micro-USB |
| Battery Life Time | 500 h |
| Portability | Portable |
| Compliance | CE |
| Languages User Interface | German, English, French, Spanish, Italian, Portuguese, Dutch, Chinese |
| Dimensions | 5.04 x 6.46 x 1.46" |

Delivery Scope

- Instrument in protective armouring including electrode holder
- pH electrode type 226 (order code 721226)
- Temperature sensor PT 1000 (order code 721245)
- pH-buffer-set (pH 4.01/7.00/10.01)
- Storage Solution for pH/ORP
- Batteries
- Instruction Manual
- Warranty information
- in case

Accessories

| Title | Part Number |
|--|-------------|
| Redox calibration solution, 470 mV, 100 ml | 195070 |
| 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) | 721245 |
| 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 |
| 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 |
| 3 M KCl Storage Solution for pH/ORP, 25 ml | 726402 |
| 3 M KCl Storage Solution for pH/ORP, 100 ml | 726404 |

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

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