Lovibond® Water Testing

Tintometer® Group

SD 305 pH/ORP (Set 1)

Waterproof Hand-held Meters for the determination of pH/Redox/Temperature



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

Part Number: 724640

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 1)

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	-2000.0 - 2000.0 mV
Temperature	-5 - 150 ° C

Technical Data

Display	Backlit LCD
Interfaces	USB
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
Calibration	automatic or manual 1-, 2, or 3-point calibration
Power Supply	2 AAA batteries Micro-USB
Battery Life Time	500 h
Portability	Portable
Temperature Compensation	Automatic
Protection Class	IP 67
Compliance	CE
Languages User Interface	German, English, French, Spanish, Italian, Portuguese, Dutch, Chinese
Dimensions	128 x 164 x 37 mm

Delivery Scope

- Instrument in protective armouring including electrode holder
- pH/temp. plastic-electrode type 231 (order code 721231)
- 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 forSD 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

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