

Lovibond® Water Testing

Tintometer® Group



SD305 pH/ORP Meter, Set 1

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: 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 | Waste Water Treatment

SD305 pH/ORP Meter, 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 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/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, 100ml	195070
pH electrode, plastic/gel, type 226, without temperature sensor, BNC-plug	721226
pH/temp. electrode, type 231, plastic/gel/temp. NTC30k Ohm, BNC-plug for SD300 / SD305 pH	721231
pH electrode glass/gel, type 235, BNC-plug for SD300 and SD305 pH, without temperature sensor	721235BNC
Redox electrode, plastic/gel, BNC-plug, 1m cable	721242
Pt1000, temperature sensor, metal, diameter 3mm	721246
pH Buffer solution 4.01 (25 °C) red, 90ml traceable to NIST	721247
pH-Buffer solution 7.00 (25 °C) yellow, 90ml traceable to NIST	721248
pH-Buffer solution 10.01 (25 °C) blue, 90ml traceable to NIST	721249
pH-Buffer solution Set pH 4, pH 7, pH 10 (25 °C), 90ml	721250
pH Buffer solution 4.01 (25 °C) red, 1L traceable to NIST	721252
pH-Buffer solution 7.00 (25 °C) yellow, 1L traceable to NIST	721254
pH-Buffer solution 10.01 (25 °C) blue, 1L traceable to NIST	721256
USB cable, for connection to a computer for SD300/SD305	724620
GSOFT 3050 Windows-Software with logger for SD300 / SD305 series	724625
Case incl. foam for SD 305 series	725070
3 M KCl Storage Solution for pH/ORP, 25ml	726402
3 M KCl Storage Solution for pH/ORP, 100ml	726404

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