

Lovibond® Water Testing

Tintometer® Group



SD335 Multi-Parameter Meter, pH/Con/DO, Set 3

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 armoring 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 armoring

The protective armoring 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

SD335 Multi-Parameter Meter, pH/Con/DO, Set 3

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

Display	Backlit LCD with graphical display
Data Logger	Manual logger by keystroke. Automatic logger, cyclic, time interval adjustable.
Power Supply	3 NiMH-battery pack (AAA) Micro-USB
Portability	Portable
Compliance	CE RoHS WEEE
Dimensions	3.94 x 6.46 x 1.46"

Delivery Scope

- Instrument in protective armouring 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

Accessories

Title	Part Number
Redox calibration solution, 470 mV, 100ml	195070
KOH 100, Spare Electrolyte, 100ml for SD310 Oxi	19801130
LC12 for SD320 / SD325 Con, up to 200 mS/cm	19805040
LC16 for SD320 / SD325 Con, up to 1000 mS/cm	19805045
Oxygen sensor for SD310 / SD315 Oxi with 2m cable, Platinum cathode/Lead anode	19805050
Oxygen sensor for SD310 / SD315 Oxi with 10m cable, Platinum cathode/Lead anode	19805051
Oxygen sensor for SD310 / SD315 Oxi with 30m 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 SD310 / SD315 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. 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
Calibration solution 1413 µS/cm, 500ml, traceable to NIST	722250
Service Set for Oxygen sensor SD300 / SD315 Oxi	724670
Case incl. foam for SD 335 Multi	725080
3 M KCl Storage Solution for pH/ORP, 25ml	726402
3 M KCl Storage Solution for pH/ORP, 100ml	726404
Conductivity Solution (1413 µS/cm) - 90ml - traceable to NIST	726654
Conductivity Solution (12.88 mS/cm) - 90ml - traceable to NIST	726684

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