

Lovibond® Water Testing Tintometer® Group



SD 50 pH



- Portable Hand-Held Meter
- Scroll-Through Functionality
- Compact & Robust
- Storage Function

Part Number: 194800-16

Industry

Industries Others | Marine Industry | Municipalities | NGO | Pool Domestic | Pool Public

Application

Boiler Water | Cooling Water | Drinking Water Treatment | Pool Water-Control | Pool Water Treatment | Waste Water Treatment

SD 50 pH

The SD series comprises a range of compact, easy-to-use, hand-held instruments for the accurate measurement of pH, ORP, Con, TDS or Salt. With robust housing and fully waterproof (IP67) casing, these testers are the ideal solution for in-situ testing in environmental, industrial or pool & spa applications.

The intuitive scroll-bar functionality and backlit display enable the easy measurement and simultaneous display of result, temperature, date/time and other measurement details. With 25 sets of data storage, each with date and time stamp, the units also enable the easy recalling of data for record keeping requirements. Designed and manufactured according to Lovibond® quality standards, the devices are equipped with replaceable electrodes to ensure long-life functionality in the field.

Measuring Range

Test Name	Measuring Range
pH	0 - 14

Technical Data

Accuracy	± 0.05 pH
Display	22 x 22 mm LCD screen, yellow/green backlit
Calibration	1, 2 or 3 points calibration with auto-recognition (NIST / IUPAC)
Internal Storage	25 sets of data storage, with date and time (non-volatile)
Power Supply	2 AAA batteries
Battery Life Time	> 350 hours (continuous use, backlight off), low battery indicator on LCD screen
Auto – OFF	Yes
Measuring Range	0-60 °C, 0-14 pH
Clock	Real Time Clock and Date
Portability	Portable
Temperature Compensation	Automatic
Resolution	0.01 pH
Resolution Temperature	0.1 °C; Accuracy: ± 1 °C,selectable °C / °F system
Compliance	CE
Protection Class	IP 67
Dimensions	44 x 33 x 205 mm

Delivery Scope

- Meter in a robust plastic case with hanger
- 2 batteries
- Lanyard
- pH 4, 7, 10 buffer tablets (1 Strip of 10 tablets each)
- Instruction manual

Title	Part Number
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
pH-electrode, pH 0 – 14, plastic/gel type, BNC-plug	721330
3 M KCl Storage Solution for pH/ORP, 25 ml	726402
3 M KCl Storage Solution for pH/ORP, 100 ml	726404

Accessories

Title	Part Number
Replacement electrode for SD 50 pH	194820
Micro batteries (AAA), set of 4	1950026
Measuring beaker, 100 ml	384801
Deionised Water	461275
Buffer Tablets pH 10	515600BT
Buffer Tablets pH 10	515601BT
Buffer Tablets pH 7	515610BT
Buffer Tablets pH 7	515611BT
Buffer Tablets pH 4	515620BT
Buffer Tablets pH 4	515621BT
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

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