

Lovibond® Water Testing Tintometer® Group



SD50 pH Portable Tester



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

Part Number: 194800-16

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.

Industry

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

Application

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

SD50 pH Portable Tester

This item has been discontinued and replaced by a new model. SD50 pH is replaced by SD10 pH Tester. [Please refer to the new SD10 pH Tester for more information.](#)

Measuring Range

| Test Name | Measuring Range |
|-----------|-----------------|
| pH | 0 - 14 |

Technical Data

| | |
|-------------------------------|--|
| Measuring Range | 0-60 °C, 0-14 pH |
| 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) |
| Battery Life Time | > 350 hours (continuous use, backlight off), low battery indicator on LCD screen |
| Clock | Real Time Clock and Date |
| Portability | Portable |
| Resolution | 0.01 pH |
| Resolution Temperature | 0.1 °C; Accuracy: ± 1 °C,selectable °C / °F system |
| Compliance | CE |
| Dimensions | 1.73 x 1.3 x 8.07" |

| Title | Part Number |
|--|-------------|
| Replacement electrode for SD50 pH | 194820 |
| Micro batteries (AAA), set of 4 | 1950026 |
| Measuring beaker, 100ml | 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, 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 |
| 3 M KCl Storage Solution for pH/ORP, 25ml | 726402 |
| 3 M KCl Storage Solution for pH/ORP, 100ml | 726404 |

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

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