

# 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

<b>Measuring Range</b>	0-60 °C, 0-14 pH
<b>Accuracy</b>	± 0.05 pH
<b>Display</b>	22 x 22 mm LCD screen, yellow/green backlit
<b>Calibration</b>	1, 2 or 3 points calibration with auto-recognition (NIST / IUPAC)
<b>Internal Storage</b>	25 sets of data storage, with date and time (non-volatile)
<b>Battery Life Time</b>	> 350 hours (continuous use, backlight off), low battery indicator on LCD screen
<b>Clock</b>	Real Time Clock and Date
<b>Portability</b>	Portable
<b>Resolution</b>	0.01 pH
<b>Resolution Temperature</b>	0.1 °C; Accuracy: ± 1 °C,selectable °C / °F system
<b>Compliance</b>	CE
<b>Dimensions</b>	1.73 x 1.3 x 8.07"

## 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
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

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