

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

Measuring Range	0-60 °C, 0-14 pH
Accuracy	± 0.05 pH
Display	22 x 22 mm LCD screen, yellow/green backlit
Auto – OFF	Yes
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
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
Protection Class	IP 67
Compliance	CE
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
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
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

Tintometer GmbH
 Lovibond® Water Testing
 Schleefstraße 8-12
 44287 Dortmund
 Tel.: +49 (0)231/94510-0
 Fax: +49 (0)231/94510-30
 sales@lovibond.com
 www.lovibond.com
 Germany

The Tintometer Limited
 Lovibond House
 Sun Rise Way
 Amesbury, SP4 7GR
 Tel.: +44 (0)1980 664800
 Fax: +44 (0)1980 625412
 sales@lovibond.uk
 www.lovibond.com
 UK

Tintometer China
 Room 1001, China Life Tower
 16 Chaoyangmenwai Avenue,
 Beijing, 100020
 Tel.: +86 10 85251111 App. 330
 Fax: +86 10 85251001
 chinaoffice@tintometer.com
 www.lovibond.com
 China

Tintometer South East Asia
 Unit B-3-12, BBT One Boulevard,
 Lebuhr Nilam 2, Bandar Bukit Tinggi,
 Klang, 41200, Selangor D.E
 Tel.: +60 (0)3 3325 2285/6
 Fax: +60 (0)3 3325 2287
 lovibond.asia@tintometer.com
 www.lovibond.com
 Malaysia

Tintometer Brazil
 Caixa Postal: 271
 CEP: 13201-970
 Jundiaí – SP
 Tel.: +55 (11) 3230-6410
 sales@tintometer.com.br
 www.lovibond.com.br
 Brazil

Tintometer Inc.
 6456 Parkland Drive
 Sarasota, FL 34243
 Tel: 941.756.6410
 Fax: 941.727.9654
 sales@lovibond.us
 www.lovibond.com
 USA

Tintometer India Pvt. Ltd.
 Door No: 7-2-C-14, 2nd, 3rd & 4th Floor
 Sanathnagar Industrial Estate,
 Hyderabad, 500018
 Telangana
 Tel: +91 (0) 40 23883300
 Toll Free: 1 800 599 3891/ 3892
 indiaoffice@lovibond.in
 www.lovibondwater.in
 India

Tintometer Spain
 Postbox: 24047
 08080 Barcelona
 Tel.: +34 661 606 770
 sales@tintometer.es
 www.lovibond.com
 Spain