

# Lovibond® Water Testing

## Tintometer® Group



### SD20 ORP



- Transparent lid for easy maintenance and storage
- Ideal lid design for a stable stand
- Display colours & symbols for easy use
- New multi-parameter models for individual measurement requirements

Part Number: 720020

#### Industry

Industries Others | Marine Industry | Municipalities | Pool Public | Pool Services

#### SD20 ORP

With its waterproof housing, the Pocket Tester is ideal for regular checks in industrial plants or swimming pools.

Plus, the transparent lid not only provides a secure stand for the Pocket Tester in daily use, but also makes it easier to maintain the electrodes. A three-colour LED lighting system - blue, green and red - and new display icons make the tester easy to use and intuitive to operate. The use of energy saving LEDs and 4 x AAA batteries greatly extends the life of the new Pocket Tester range to up to 2000 hours.

With the included lanyard, each SD Series tester can be worn comfortably around the neck or attached to a pocket, waistband or belt with the clip on the head of the tester, allowing it to be taken anywhere without tiring the hands.

#### Measuring Range

Test Name	Measuring Range
ORP	-1000 - 1000 mV
Temperature	0 - 50 °C

#### Technical Data

<b>Accuracy</b>	mV: $\pm 0.2\%$ FS Temperature: $\pm 0.5\text{ °C}$
<b>Display</b>	3 coloured backlit LCD (blue: measurement, green: calibration, red: alarm)
<b>Auto – OFF</b>	No
<b>Calibration</b>	1 point calibration with +/- 150 mV adjustable ORP value
<b>Power Supply</b>	4 micro batteries (AAA)
<b>Battery Life Time</b>	> 2000 h
<b>Portability</b>	Portable
<b>Temperature Compensation</b>	Automatically
<b>Resolution</b>	ORP: 1 mV
<b>Resolution Temperature</b>	0.1 °C
<b>Calibration Points</b>	1
<b>Buffer Auto Recognition</b>	+ 470 mV (25 °C), Pt   Ag/AgCl (3 M KCl)
<b>Calibration Indicator</b>	No
<b>Stability Indicator</b>	Yes
<b>Auto-Hold Function</b>	Yes
<b>Alarm Limits</b>	Yes
<b>Environmental Conditions</b>	0 - 60 °C / 0 - 80% rel. humidity (non-condensing)
<b>Protection Class</b>	IP 67

<b>Compliance</b>	CE
<b>Dimensions</b>	40 x 40 x 180 mm
<b>Weight</b>	151 g
<b>Weight with Packaging</b>	268 g

## Delivery Scope

- Tester incl. electrode
- 4 AAA batteries
- Lanyard
- Storage box
- 3 M KCl Storage Solution for pH/ORP
- Multilingual instruction manual
- Certificate of compliance
- Warranty declaration

Title	Part Number
Micro batteries (AAA), set of 4	1950026
Redox calibration solution, 470 mV, 100 ml	195070
Measuring beaker, 100 ml	384801
Deionised Water	461275
Replacement electrode for SD20 ORP	720025
3 M KCl Storage Solution for pH/ORP, 25 ml	726402
3 M KCl Storage Solution for pH/ORP, 100 ml	726404

### Tintometer GmbH

Lovibond® Water Testing  
Schleefstraße 8-12  
44287 Dortmund  
Tel.: +49 (0)231/94510-0  
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

9F, SOHO II C.  
No.9 Guanghualu,  
Chaoyang District,  
Beijing, 100020  
Customer Care China Tel.: 4009021628  
Tel.: +86 10 85251111 Ext. 330  
Fax: +86 10 85251001  
chinaoffice@tintometer.com  
www.lovibond.com  
China

### Tintometer South East Asia

Unit B-3-12, BBT One Boulevard,  
Lebu 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@lovibond.us  
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.us  
USA

### Tintometer India Pvt. Ltd.

Door No: 7-2-C-14, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> 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