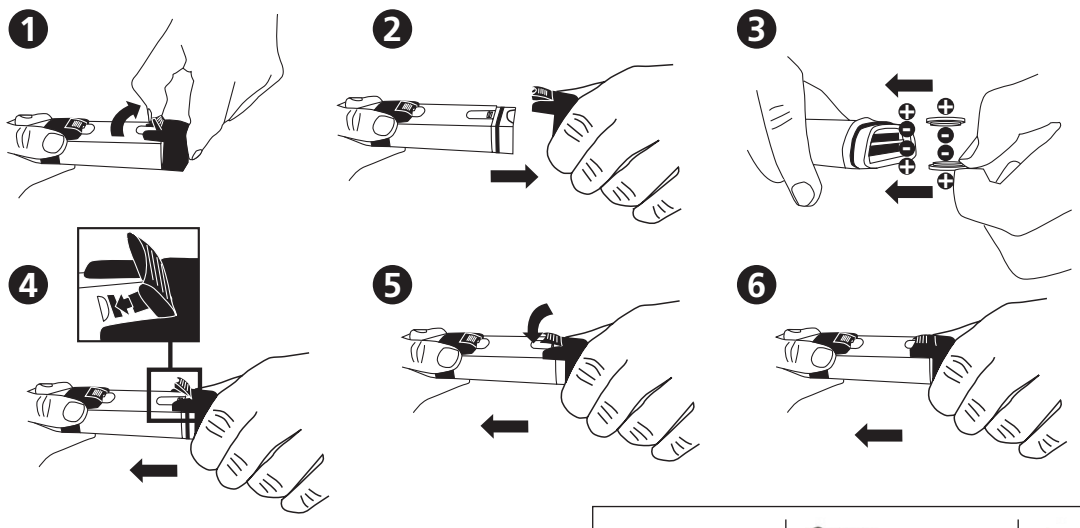
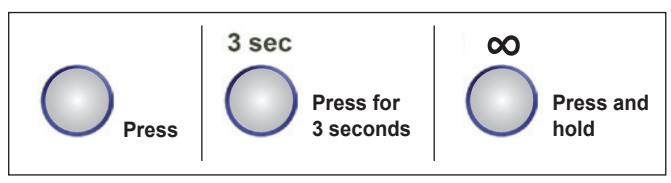
SD 60
Redox

Insert the batteries

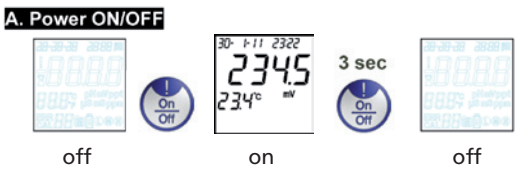


MEASUREMENT

Remove protective cap from the probe

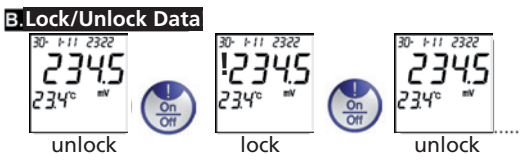


A. Power ON/OFF



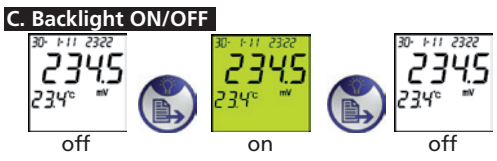
Automatically turns off after 20 minutes of inactivity.

B. Lock/Unlock Data

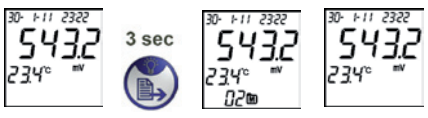


Possible slight delay after pressing before freeze of the data (!).

C. Backlight ON/OFF



D. Store Data



After 3 sec. the file no. temporarily appears on the display, e.g. 01.
Once the storage has reached max. capacity, the data will overwrite the oldest files.

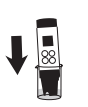
ORP CALIBRATION

Characters in RED represent „Flashing symbols“.

- Re-Calibrate according to individual recommendations! Rinse the electrode with destilled water after each measurement.
- Choose Lovibond® ORP Standard Solution

E. Calibrate ORP

Remove protective cap from the probe.
Power ON (see A)



Immerse the probe into calibration solution.

Adjustment To increase (+): ∞ Cal + To decrease (-):

Max. ± 150 mV of window:

to store wait (● indicates „user calibrated“)

SETUP

F. System Setup

Characters in RED represent „Flashing symbols“.

Unfreeze data first (see frontside B) before Menu selection.

3 sec **Recall Data go to I.**

1x **Set Date and Time go to III.**

2x **Set Temperature go to IV.**

3x **Set Data/Time display type go to V.**

To enter.

I. Recall Data

3 sec

Press for further files.

Exit

Delete stored data.

3 sec 3 sec

Automatic Exit

II. Set Date and Time

Select V. `Set Data/ Time display type' first.

3 sec 1x

24 hour clock

24 h → Minutes → Hours → Year → Month → Day ..... Exit

am/pm 12 hour clock

AM PM → Minutes → Hours → Year → Day → Month ..... Exit

Adjustment: to increase (+); Cal to decrease (-)

III. Set Temperature system (°C/°F)

3 sec 2x Exit

IV. Set Data/Time display type

3 sec 3x

select (am/pm 12 hour clock) or select (24 hour clock) ..... Exit

Error Code and Actions

#	Description	Range	Actions
1	Electrode not installed or bad	Thermistor: 0.5k~100k Ω	Install or replace electrode
2	Not used		
3	Temperature out of range	0~60˚C	Bring solution to the temperature within range
4	Not used		
5	Calibrated offset out of range	-100~100mV (compare to the default value)	Adjust to the correct ORP buffer value while calibrating or use the default value (take out batteries)
6	ORP out of range	-1800~1800mV	Use other solution

SD60 ORP Specification/Features

#	Specification
1	Operating range: 0~60°C, -1800~1800mV
2	1 point calibration with +/-150mV adjustable ORP value
3	mV resolution: 0.1mV(within ±1000mV) and 1mV(outside ±1000mV); Accuracy: ±20mV
4	Temperature resolution: 0.1°C; Accuracy: ±1°C , Selectable °C/°F system
5	Time and date display/stamp with 25 sets of data storage (non-volatile)
6	22x22mm LCD screen, with Yellow Green backlight
7	2x CR2032 batteries
8	Auto-power off to save battery (20 minutes non-use)

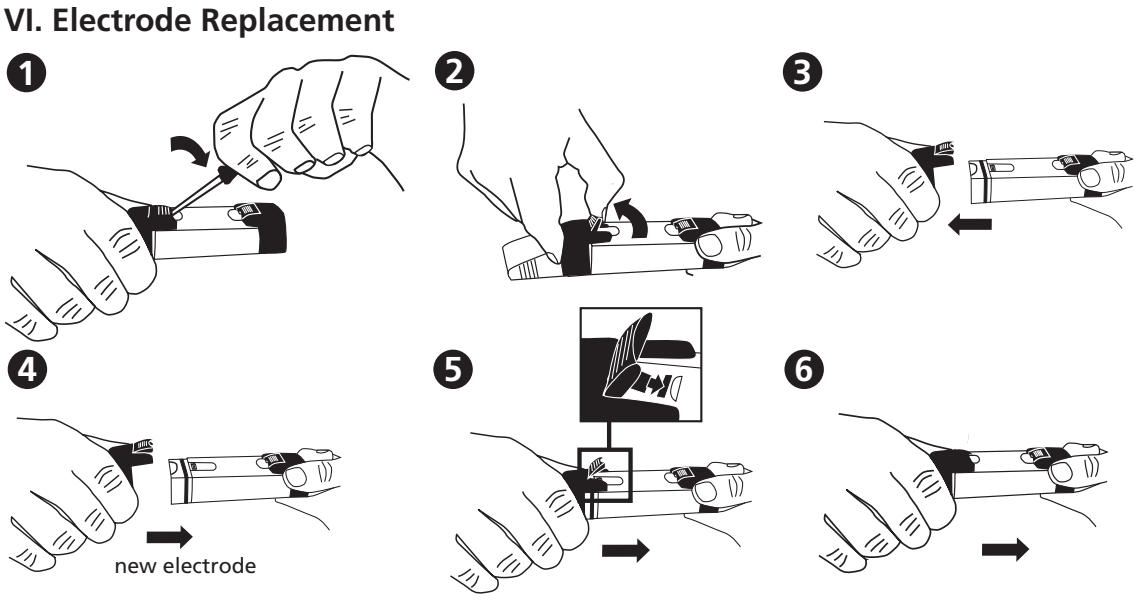
Content

1 ORP Meter SD 60 in a robust plastic case with strap
2 Batteries
1 Instruction Manual
Code: 19 48 01

Accessories

19 500 17	Battery CR 2032 (2 Batteries required)
19 48 21	Replacement electrode
38 48 01	Beaker, 100 ml
19 50 70	Standard solution

VI. Electrode Replacement



Instruction manuals available in further languages, visit www.lovibond.com