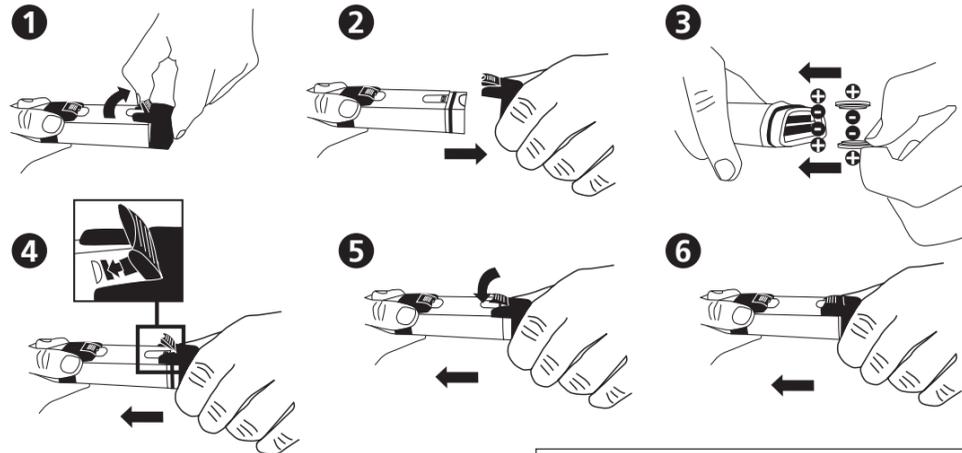




SD 80

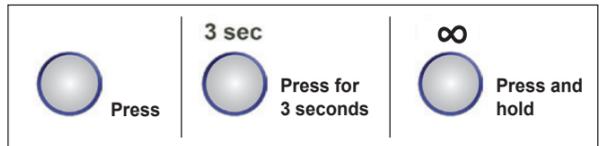
TDS

Insert the batteries



MEASUREMENT

Remove protective cap from the probe



A. Power ON/OFF



Automatically turns off after 8 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.

TDS CALIBRATION

Characters in **RED** represent „Flashing symbols“.

- Re-Calibrate according to individual recommendations! Rinse the electrode with distilled water after each measurement.
- If temperature is out of range, „ERR“ will appear. Meter automatically returns to Measurement Mode.
- If the default reading is more than 30% out of standard buffer range, „ERR“ will appear.

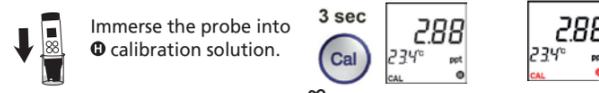
E. Calibrate TDS

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

Auto-recognition for ① : 100~999 ppm and ② : 1.00~10.00 ppt



Adjustment: to increase (+): Cal + ↑ to decrease (-): ↓



Adjustment: to increase (+): Cal + ↑ to decrease (-): ↓



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 Select Buffer System go to II. 2x Set Date and Time go to III.

3x Set Temperature go to IV. 4x 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 Automatic Exit Exit

II. Select TDS Factor (0.7/0.5)

3 sec 1x Exit

III. Set Date and Time

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

3 sec 2x 24 hour clock

Minutes Hours Year Month Day Exit

am/pm 12 hour clock

AM PM Minutes Hours Year Day Month Exit

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

IV. Set Temperature system (°C/°F)

3 sec 3x 23.4°C 23.4°C 74°F 23.4°C Exit

V. Set Data/Time display type

3 sec 4x select select Exit

am/pm 12 hour clock or 24 hour clock

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 value out of range	70%~130% (compare to the default value)	Re-calibrate or replace the electrode or use the default value (remove batteries)
6	TDS out of range	<10.00ppt	Use other solution

SD80 TDS Specification/Features

#	Specification
1	Operating range: 0~60°C, <10.00ppt
2	Automatic switch over ppm and ppt. ppm:0~999ppm; ppt: 1.00~10.00ppt
3	Up to 2 points manual mode calibration, +/-50% adjustable value
4	TDS resolution: 1ppm(<=999ppm) and 0.01ppt(1.00~10.00ppt); Accuracy: ±3%F5
5	Temperature resolution: 0.1°C; Accuracy: ±1°C, Selectable °C/°F system
6	Selectable TDS factor, 442.0.7; NaCl:0.5
7	Time and date display/stamp with 25 sets of data storage (non-volatile)
8	22x22mm LCD screen, with Yellow Green backlight
9	2x CR2032 batteries
10	Auto-power off to save battery (8 minutes inactivity)

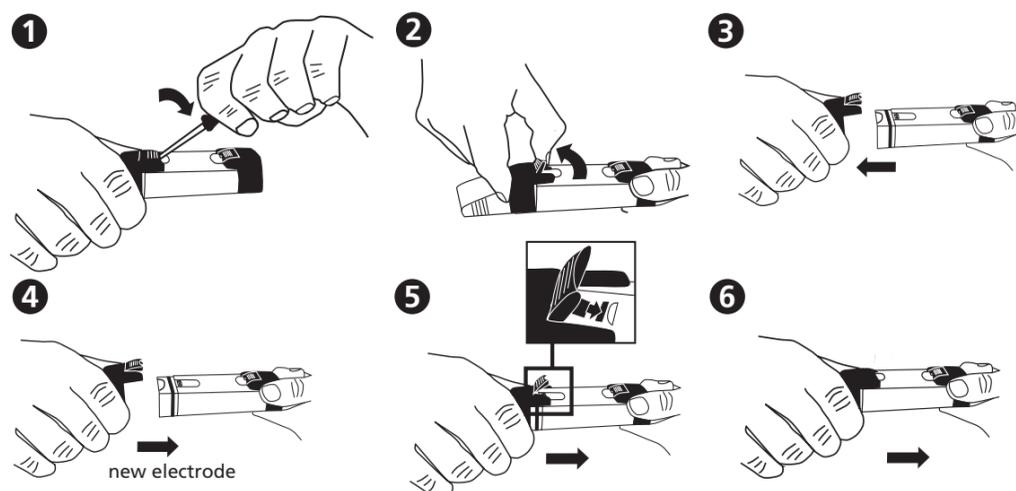
Content

1 TDS Meter SD 80 in a robust plastic case with strap
2 Batteries
1 Instruction Manual
Code: 19 48 03

Accessories

195 00 17 Battery CR 2032 (2 Batteries required)
19 48 22 Replacement electrode
38 48 01 Beaker, 100 ml

VI. Electrode Replacement



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