GB

Insert the batteries

❶ ❷ ❸

❹ ❺ ❻

MEASUREMENT

Remove protective cap from the probe

	3 sec	∞
Press	Press for 3 seconds	Press and hold

A. Power ON/OFF

off → on → 3 sec → off
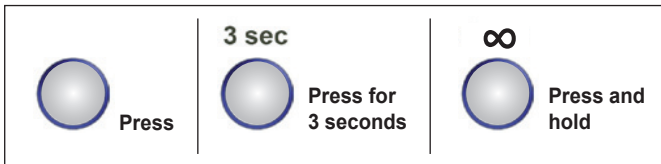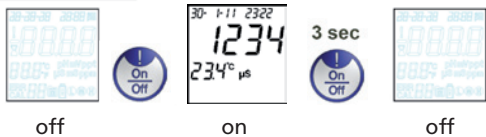
Automatically turns off after 8 minutes of inactivity.

B. Lock/Unlock Data

unlock → lock → unlock

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

C. Backlight ON/OFF

off → 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.
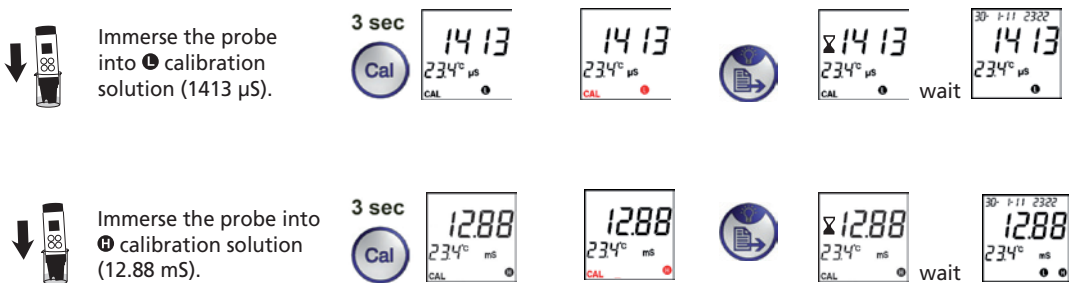
CON CALIBRATION

Characters in RED represent „Flashing symbols".

• Re-Calibrate according to individual recommendations! Rinse the electrode with destilled 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.

E1. Auto Mode
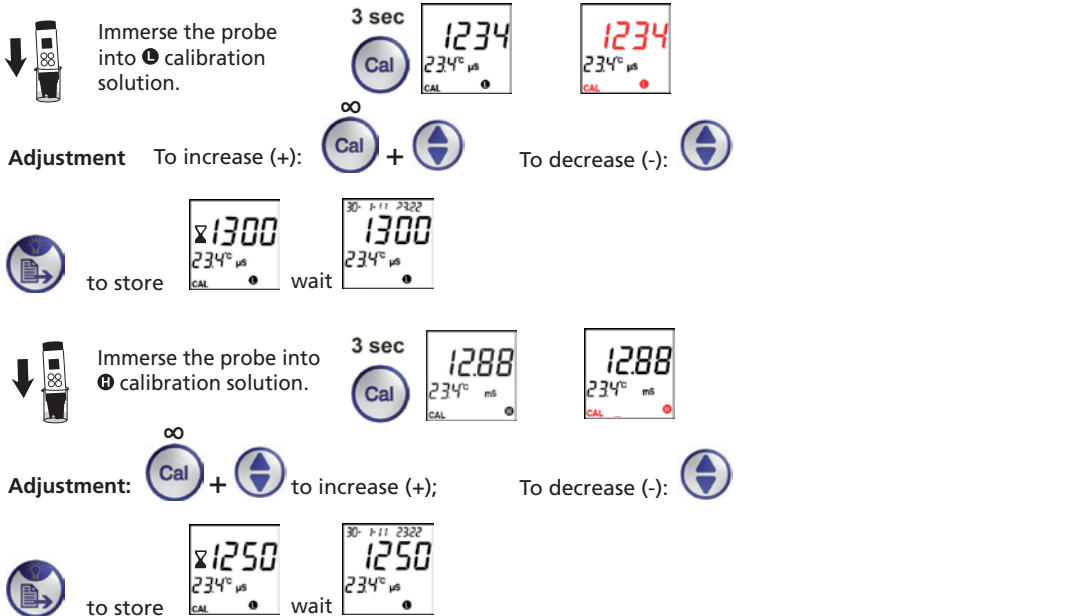
Remove protective cap from the probe.
Power ON (see A)

Auto-recognition for ❶ : 1413 µS and ❷ : 12.88 mS

Immerse the probe into ❶ calibration solution (1413 µS).
3 sec → Cal → 1413 → 1413 → → 1413 → 1413 wait

Immerse the probe into ❷ calibration solution (12.88 mS).
3 sec → Cal → 12.88 → 12.88 → → 12.88 → 12.88 wait

E2. Manual Mode

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

❶: Limited to 200 ~ 2000 µS; ❷: limited to 2.00 ~ 20.00 mS

Immerse the probe into ❶ calibration solution.
3 sec → Cal → 1234 → 1234

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

to store → 1300 → 1300 wait

Immerse the probe into ❷ calibration solution.
3 sec → Cal → 12.88 → 12.88

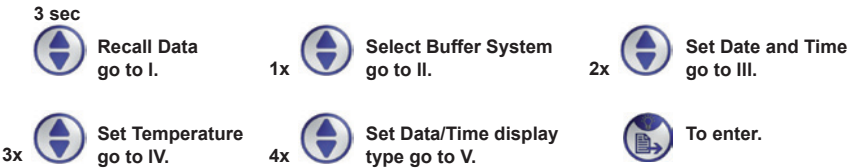**Adjustment:** ∞ Cal + ▲ to increase (+); To decrease (-): ▼

to store → 1250 → 1250 wait

SETUP

Characters in RED represent „Flashing symbols".
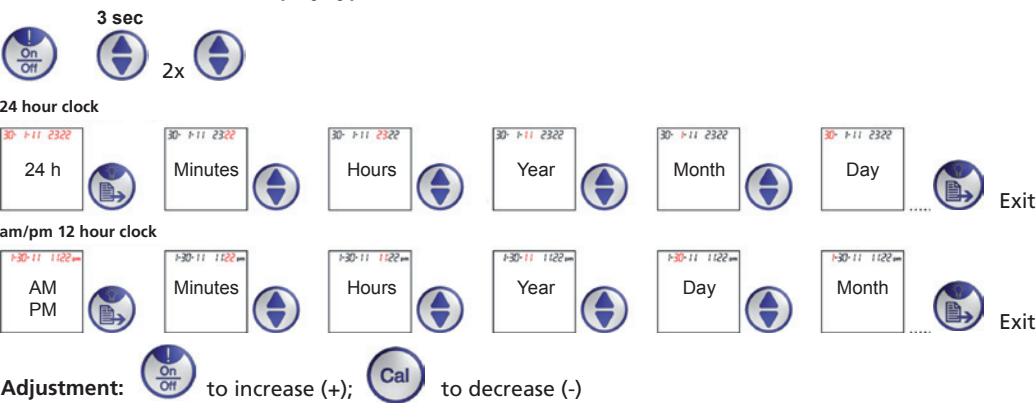Unfreeze data first (see frontside B) before Menu selection.

| 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 — 02ₘ — 321 234°C mS 02ₘ — Press for further files. — 1234 234°C μS 0.1ₘ — Exit

Delete stored data.

3 sec — 3 sec — CLER — CLER — 1234 234°C μS — Automatic Exit

II. Select Calibration Mode

3 sec — 1x

RU CAL — RU CAL (Auto) — rnR CAL (Manual) — RU CAL .... — Exit
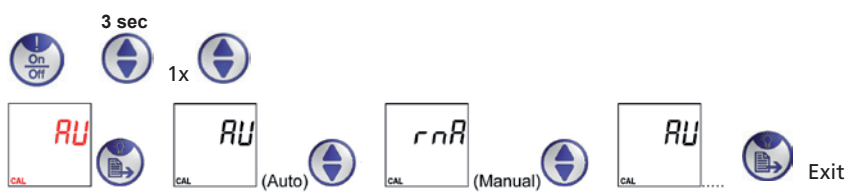
III. Set Date and Time

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

3 sec — 2x

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: On/Off to increase (+); Cal to decrease (-)

IV. Set Temperature system (°C/°F)

3 sec — 3x — 234°C — 234°C — 74.1°F — 234° .... — Exit

V. Set Data/Time display type

3 sec — 4x — select am/pm 12 hour clock — or — select 24 hour clock — Exit
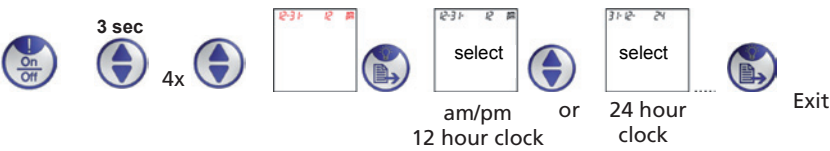
Error Code and Actions

#	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 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	Conductivity out of range	<20.00mS	Use other solution

SD70 Conductivity Specification/Features

| #	Specification
1	Operating range: 0~60°C, <20.00mS
2	Automatic switch over μS and mS. μS:1~1999μS; mS: 2.00~20.00mS
3	1 or 2 points calibration for auto mode. Standard buffers used: 1413μS and/or 12.88mS
4	Up to 2 points calibration for manual mode, +/-50% adjustable value
5	Conductivity resolution: 1μS(<=1999μS) and 0.01mS(2.00~20.00mS); Accuracy: ±3%FS
6	Temperature resolution: 0.1°C; Accuracy: ±1°C , Selectable °C/°F system
7	Automatic temperature compensation (2%/°C)
8	Time and date display/stamp with 25 sets of data storage (non-volatile)
9	22x22mm LCD screen, with Yellow Green backlight
10	2x CR2032 batteries
11	Auto-power off to save battery (8 minutes inactivity)

Content

1 Con Meter SD 70 in a robust plastic case with strap

2 Batteries

1 Instruction Manual

Order Code: **19 48 02**

Accessories

195 00 17 Battery CR 2032 (2 Batteries required)

19 48 22   Replacement electrode

38 48 01   Beaker, 100 ml

VI. Electrode Replacement

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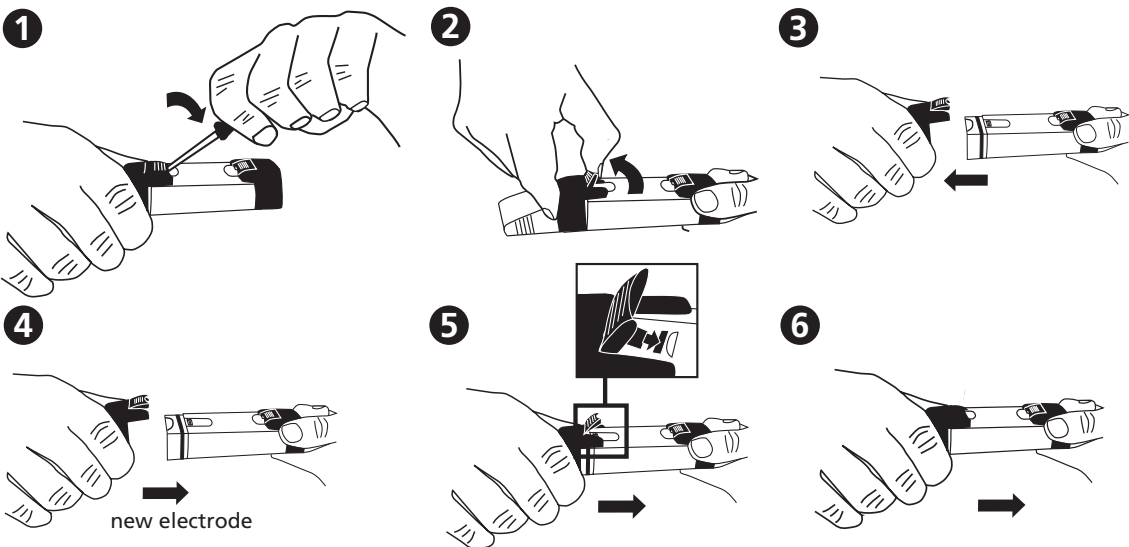
Instruction manuals available in further languages, visit www.lovibond.com