

LAQUA

Quick Guide

LAQUA 200 Series
EC210/220 & PC210/220
Handheld Meters

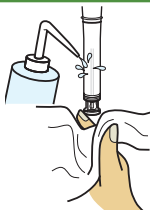


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HORIBA
Scientific

Conductivity Calibration & Measurement

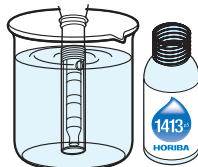
1. Rinse the conductivity electrode with clean water and blot using lint-free tissue to remove excess water.



2. Immerse the conductivity electrode in standard solution.

Perform calibration using a standard solution that has a conductivity value close to the expected sample value.

For multi-point calibration, start with the lowest conductivity standard. Move to standards with increasing conductivity values.



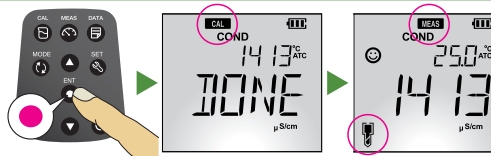
3. Press CAL button on the meter to switch to calibration mode.

The screen will display the calibration type briefly and the ☺ will start blinking until the reading stabilizes.



4. Press ENT button to confirm the conductivity reading. To abort calibration, press MEAS key.

The meter will switch to measurement mode and the electrode icon will appear on the screen.



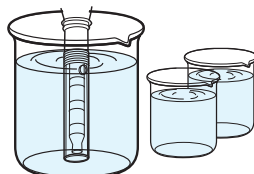
5. Repeat step nos. 1 to 4 to perform calibration with the next standard solution(s).

The meter allows up to 4 points for auto calibration and up to 5 points for manual calibration.

6. Rinse the conductivity electrode with clean water and blot using lint-free tissue to remove excess water.

7. Immerse the conductivity electrode in sample.

Make sure that the uppermost black ring in the conductivity electrode body is immersed in sample and there are no bubbles trapped within the electrode.



Cell Constant Setting



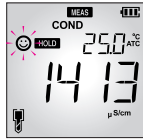
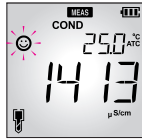
Conductivity Calibration



Conductivity Calibration Data



Measurement Modes



Auto Stable

Auto Hold

Real Time



Conductivity Setup



P6 CLK*

- P6.2 TIME – Set time
- P6.1 DATE – Set date



P5 GEN

- P5.4 RSET – Reset meter
- P5.3 °C/°F – Select temperature unit
- P5.2 A.OFF – Set auto shut-off time
- P5.1 STBL – Select measurement mode



P4 DATA

- P4.3 D.CLR – Erase data log
- P4.2 PRNT – Print data log
- P4.1 LOG – Set data log interval



P3 SAL

- P3.3 C.CLR – Erase CAL data
- P3.2 TYPE – Select salinity curve
- P3.1 UNIT – Select salinity unit



P2 TDS

- P2.2 UNIT – Select TDS unit
- P2.1 FACT – Select TDS curve



P1 COND

- P1.6 C.CLR – Erase CAL data
- P1.5 T.REF – Set reference temperature
- P1.4 T.COFF – Set temperature coefficient
- P1.3 A.CAL – Switch on / off auto cal
- P1.2 UNIT – Select conductivity unit
- P1.1 CELL – Set cell constant



Press up or down buttons to scroll through settings



Press ENT button to confirm settings



*Available in 220 models only