LAQUA
Quick Guide

LAQUA WQ-300 Series
Handheld Meters

WQ-330

www.horiba-laqua.com

HORIBA
Scientific

Conductivity Calibration & Measurement

1. Rinse the conductivity electrode with clean water and wipe 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 solution. Move to standard solutions with increasing conductivity values.

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

The set calibration mode is displayed at the bottom of the screen. The ☺ icon on the screen and LED light on the electrode (if switched on) will blink until the reading is stable.

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

The meter will show DONE briefly then switch to measurement mode. The calibrated conductivity value and the electrode icon will appear in measurement mode.

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

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

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

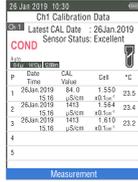## 7. Immerse the conductivity electrode in sample.

Make sure that the hole at the bottom of the conductivity electrode is completely immersed in the sample.

Conductivity Calibration

26 Jan 2019 10:30
Ch1 Calibration
☺ 25.0℃ AUTO

COND

84.0 µS/cm

Auto
Calibration

[VIDEO]

Conductivity Calibration Data

26 Jan 2019 10:30
Ch.1 Ch1 Calibration Data
Latest CAL Date : 26Jan.2019
Sensor Status: Excellent

COND

P	Date Time	CAL Value	Cell	℃
1	26.Jan.2019 15.16	84.0 µS/cm	1.550 x0.1m⁻¹	23.5
2	26.Jan.2019 15.16	1413 µS/cm	1.564 x0.1m⁻¹	23.4
3	26.Jan.2019 15.16	1413 µS/cm	1.610 x0.1m⁻¹	23.2
4				
5				

Measurement

[VIDEO]

Measurement Modes

26 Jan 2019 10:30
Ch.1
☺ 25.0℃ AUTO

COND

1413 µS/cm

Auto
84µ 1413µ 12.88m
Measurement

Auto Stable

[VIDEO]

26 Jan 2019 10:30
Ch.1
☺ HOLD 25.0℃ AUTO

COND

1413 µS/cm

Auto
84µ 1413µ 12.88m
Measurement

Auto Hold

[VIDEO]

26 Jan 2019 10:30
Ch.1
25.0℃ AUTO

COND

1413 µS/cm

Auto
84µ 1413µ 12.88m
Measurement

Real Time

[VIDEO]

Conductivity Setup

LAQUA

26 Jan 2019 10:30
Ch.1
☺ 25.0℃ AUTO

COND

1413 µS/cm

Auto
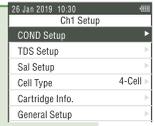84µ 1413µ 12.88m
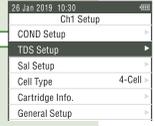Measurement

HORIBA

Press 🔧

CAL MEAS DATA
MODE SET
🔧

WQ-330

COND Setup
- Cell Constant
- Temperature Coefficient
- Reference Temperature
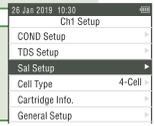- Temperature Type
- Unit
- CAL Mode
- CAL Data Clear

26 Jan 2019 10:30
Ch1 Setup
COND Setup ▶
TDS Setup
Sal Setup
Cell Type 4-Cell
Cartridge Info.
General Setup

TDS Setup
- TDS Curve
- Factor Value
- Unit

26 Jan 2019 10:30
Ch1 Setup
COND Setup
TDS Setup ▶
Sal Setup
Cell Type 4-Cell
Cartridge Info.
General Setup

Sal Setup
- Unit
- Sal Type
- CAL Data Clear

26 Jan 2019 10:30
Ch1 Setup
COND Setup
TDS Setup
Sal Setup ▶
Cell Type 4-Cell
Cartridge Info.
General Setup

Cell Type
- 4-Cell
- 2-Cell

26 Jan 2019 10:30
Ch1 Setup
COND Setup
TDS Setup
Sal Setup
Cell Type 4-Cell ▶
Cartridge Info.
General Setup

Cartridge Info.
- Model
- SN

26 Jan 2019 10:30
Ch1 Setup
COND Setup
TDS Setup
Sal Setup
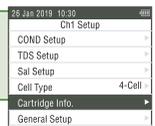Cell Type 4-Cell
Cartridge Info. ▶
General Setup
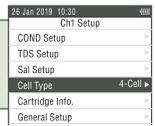
General Setup
- System Setup
- Stability Mode
- Stability Criteria
- System Info.

26 Jan 2019 10:30
Ch1 Setup
COND Setup
TDS Setup
Sal Setup
Cell Type 4-Cell
Cartridge Info.
General Setup ▶

Press ▲

CAL MEAS DATA
MODE SET
ENT
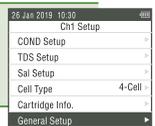
Press up ⬆, left ⬅ right ➡, or down ⬇ button to scroll through settings

Press ▼

Press ENT ● button to confirm settings

CAL MEAS DATA
MODE SET
ENT

Press