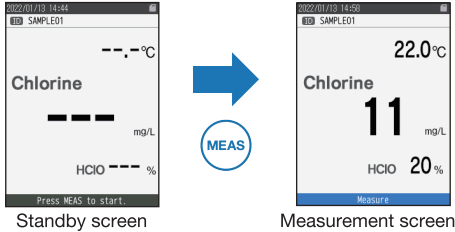




Measurement start/stop

- 1 Press **MEAS** key on the measurement screen.
 - Measurement starts, the CONC and TEMP data are displayed every 10 several seconds.

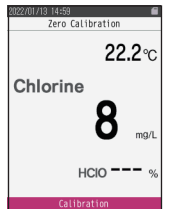


- 2 Press **MEAS** key on the measurement screen.
 - Measurement stops and the display turns to be standby screen.

Zero calibration

- Use tap water for zeroing.

- 1 Press **MEAS** key on the standby screen.
- 2 Press and hold **ZERO CAL** key when the measured data are stable.



Zero calibration screen

- 3 Press **ENT** key confirming the data are stable.
 - 😊 OK : Zero calibration is successful.
 - 😞 NG : Zero calibration is failed.
- 4 Press **ESC** key.
 - The display turns to be measurement screen.
 - Repeat 3 when zero calibration is failed.

Span calibration

- Concentration of residual chlorine of the sample must be known.
- Both zero and span calibration should be done. The order of calibration does not matter.

- 1 Press **MEAS** key on the standby screen.
- 2 Press and hold **SPAN CAL** key when the measured data are stable.



Span calibration screen

- 3 Input the concentration of the sample.
 - ⬅️ ➡️ : To select digit
 - ⬆️ ⬇️ ⬆️ : To adjust the input value

Sample concentration display



- 4 Press **ENT** key confirming the data are stable.
 - 😊 OK : Span calibration is successful.
 - 😞 NG : Span calibration is failed.
- 5 Press **ESC** key.
 - The display turns to be measurement screen.
 - Repeat 4 when span calibration is failed.

- Communication cable connection should be performed by a qualified electrician. When the power is supplied, Standbscreen is displayed.
- Connect the inlet tube to the sampling point, outlet tube to the drain pot.

Operation keys and functions



FUNC key
 • To select setting screen



MEAS key
 • To start and to stop measurement



ESC key
 • To return to the previous screen or items
 • Press and hold; to turn off the back light



ENT key
 • To input the value on the calibration and setting screen



UP key
 • To select items upward
 • To increase the value
 • Press and hold; to select span calibration screen



DOWN key
 • To select items downward
 • To decrease the value
 • Press and hold; to select zero calibration screen



LEFT key
 • To select the item
 • To see the calibration history screen on the measurement screen



RIGHT key
 • To select the item
 • To see the error history screen on the measurement screen

Measurement sequence setting

- 1 Press **MEAS** key on the standby screen.
 • Menu screen is displayed.
- 2 Select "Meas. Setting" with **▲** **▼** keys and press **ENT** key.
- 3 Select the setting item with **▲** **▼** keys and press **ENT** key.
 - Measurement mode
 - measurement interval
 - Number of measurement after interval
 - Moving average times
 - Ratio of chlorine formation setting
- 4 Select the setting value with **▲** **▼** keys.
 - Select the digit with **◀** **▶** keys when a numerical value is input.
- 5 Press **ENT** key.
 - Setting for the measurement is input.

Download the instruction manual from the following QR code.



Importance error display Other error codes are listed in the instruction manual.

Error display	Name of errors	Meaning of error and counter measures
Cl-Hi / Cl-Lo	High or low concentration	Concentration is higher or lower than the alarm setting level. Confirm the real concentration of the sample.
T-Hi / L-Lo	High or low temperature	Temperature is higher or lower than the alarm setting level. Confirm the sample temperature.
P-Mnt	Pump maintenance	The pump is nearly its life time. Replace the pump.
Air-E	No sample	No sample is introduced. This error may occur when measuring very low conductivity sample like DI water.
SD-Er	SD memory error	Writing error to the SD card. Confirm the capacity of the memory or the memory setting for reading.