

User's Guide

AQUASOL
DIGITAL

AP-CL-01

Free and Total Chlorine Meter



www.rakiro.net

Introduction:

We thank you for purchasing portable free and total chlorine meter.

Before using the instrument, please note that the operation instructions should be read carefully, which will help you to operate and maintain the instrument, as well as to avoid trouble caused by unsuitable operation and maintenance.

Our portable meter employs leading edge technology with integrated microprocessor, which is suitable for measurement in water solutions for institutes, industrial labs and production fields.

The information presented in this manual is subject to change without notice as improvements are made.

Features:

1. Microprocessor based for fast and accurate measurements.
2. EPA approved DPD method.
3. Large LCD 45 x 25 mm display for reading convenient.
4. Memory function stores and recalls up to 150 points.
5. Low battery alarm and auto shut off after 10 minutes of non use.

Specifications:

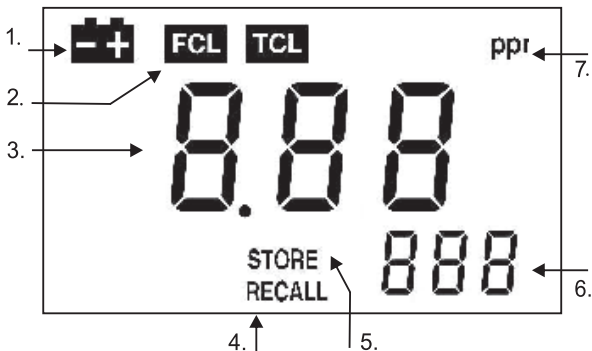
Range	0 ~ 5.00 ppm
Resolution	0.01 ppm
Accuracy	$\pm 0.03 + 1$ digit at <2.00 ppm $\pm 3\%$ FS + 1 digit at >2.00 ppm
Response	<5 seconds
Operating	0 ~ 50 °C , $<85\%$ RH
Sample	10 ml
Data memory	Storage /recall up to 150 points
Power	DC 1.5V (UM4, AAA) battery x 4
Dimension	Meter: 70 x 135 x 65 mm
Weight	Meter: 168 g(including battery)

Accessories:

Upon receiving the shipment, please inspect the container and equipment for any signs of damage. Please verify that you have received the corresponding accessories as below:





- **FCL Reagent (FC-1)**
- **Glass testing bottle x 2**
- **TCL Reagent (TC-4)**
- **Cup**
- **Battery**
- **Carrying Case**

Display Description:






1. Battery low sign
2. FCL or TCL mode
3. Reading
4. Recall mode
5. Data stored sign
6. The ordinal number of the stored reading
7. Unit


Functions of Keyboard:

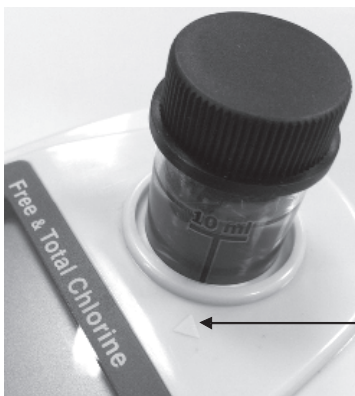
	Power key.
	Choose FCL or TCL mode. In Recall mode, browse records.
	Zero calibration. In Recall mode, browse records.
	Store the current reading. Press 3 sec. to enter Recall mode.

Measurement:

1. Press  to turn the meter on.
2. Press and hold  for two seconds to choose FCL or TCL mode.
3. Fill the sample solution into the glass bottle and screw the lid back, and use the soft cloth to clean the bottle.
4. Put the bottle into the meter, and make the line on the bottle aligned with the arrow on the meter (as the following picture).
5. Press and hold  for two seconds to proceed ZERO calibration.


After the display stops flashing and shows “0.00”, take the glass bottle out.


7. Unscrew the lid and put FCL (FC-1) or TCL (TC-1) reagent into the sample solution and gently stir for 60 seconds.
8. Screw the lid back and use the cloth to clean the bottle. Put the bottle back to the meter and make the line on the bottle aligned with the arrow on the meter (as the following picture).
9. Press  to get the FCL or TCL reading.
10. Please rinse the glass bottle after testing to prevent the reagent from remaining in the bottle.






Please make the line on the bottle aligned with the arrow on the meter.

Store and Recall mode:

1. After getting a reading, press  to store the current reading. The **Store** icon and the ordinal of this record will appear on the display.

2. Press and hold  for 3 sec. to enter Recall mode.

In this mode, use  or  to browse records.

Press and hold  to exit this mode and return to measuring mode.

3. In Recall mode, press   together for 3 sec. to clean all the records in the memory.





Free and Total Chlorine Meter

Warranty Card*

Customer Name/ Address : _____

Dealer Name/ Address: _____

Bill No. _____

Date :- _____

Product details



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