

INSTRUCTION MANUAL

Bluetooth 6 In 1

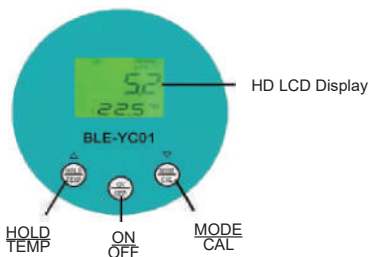


Floating Pool Monitor
(pH/EC/SALT/CL/ORP/TEMP Meter)

PARAMETERS

pH	Range	0.1~14.0 pH
	Resolution	0.1 pH
	Accuracy	± 0.1 pH
CL	Range	0.1~4.0 mg/L
	Resolution	0.1 mg/L
EC	Range	0~1999uS/cm, 2000~10000uS/cm
		10.01~20.00mS/cm
	Resolution	1μS/cm; 10μS/cm; 0.01mS/cm
Salt	Accuracy	±2% F.S
	Range	0~999ppm; 1000~9990ppm
	Resolution	1ppm; 10ppm
ORP	Accuracy	±2% F.S.
	Range	-1200mV~ +1200mV
	Resolution	1mV
Temp.	Accuracy	±15 mV
	Range	0.0°C~60.0°C ; 32.0°F~140.0°F
	Resolution	0.1°C; 0.1°F
Calibration	Accuracy	±0.5°C
	pH	6.8/4.0/9.1 or 7.0/4.0/10.0
		(Optional two sets of calibration modes)
	ORP	256 mV
	EC/SALT	1413uS/cm; 12.88 mS/cm
	Calibration records can be viewed	
ATC Temp.	0.1°C~60.0°C	
Environment	0.1°C~60.0°C, RH: max 90%	
EC Temp. Compensation	0.1~3.0%/°C (Factory Default 2.0%/°C)	
Bluetooth	mobile bluetooth 5.2 Version	
Backlights	with backlights, support mobile control	
Data	Save	save as Excel sheet
	Printing	support
Waterproof	IP67	
Battery	3*AAA battery low battery indicator	
Standby time	around one year	
Data storage	can store the latest 1000 records or data	
Dimensions/Weight	Height: 155mm; Diameter: 85mm (6.1*3.35 in) / 210g	

BUTTONS



OPERATION

1. Scan the QR code to download the APP.

“YINMIK”



(iOS)



(Android)

Click  switch between Chinese and English.

2. Turn on the meter by pressing .

3. Put the electrode into the testing solution,
Wait until the testing is stabilized.

Press  button to convert pH, SALT, EC, CL, ORP Mode.

Press  to HOLD the testing.

Long press  button to convert temperature between °C and °F.

Bluetooth Function:

Long press  ,  will display on the screen.
Open the APP, APP will match the meter model automatically.

Press  in APP, All testing results (mV/mg/L/ppm/pH/uS/cm/°C/°F) can be viewed on the APP.
Model number display on the top of screen.



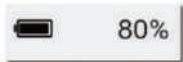
4. Back light on



Back light off



5. Power display



6. **H** is displayed on the screen



7. Click to save data Manually



Click  : save measurement data.

BLE-YC01

Date: 2022-02-11 17:33:13

EC: 8670 $\mu\text{S}/\text{cm}$

TDS: 4330 ppm

ORP: 193 mV

CL: 0.0 mg/L

pH: 6.7

Temperature: 22.2°C(72.0°F)

Notes:

Click to save

Record

Notes

8. Automatically save data

Auto Save off

Auto Save on

Auto Saved time interval can be set (between 30~9999 seconds).

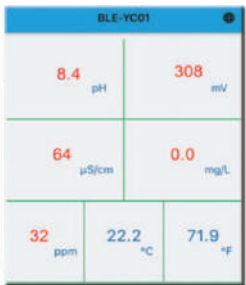
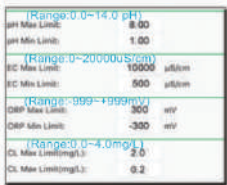
Press  to view measurement data.



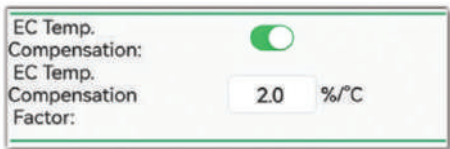
Manually saved data is displayed in black

Auto- saved data is displayed in blue

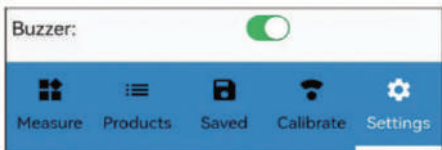
9. Set pH/EC/ORP/CL Max or Min Limit values according to user's requirement. If testing results are out of range, the digits will display in red.



10. Set EC Temperature compensation Factor:
Factory default: 2.0 %/°C;
The EC Temp. factor of 0.1~3.0%/°C can be set.



11. Buzzer Setting



Set Buzzer in . When open Buzzer, testing are out of the Max or Min limit, buzzer will beep for one minute. Then buzzer will shut down automatically, If you still need Buzzer, please turn on the beep function manually.

12. Save/Share and Print

Press  to view records.
Press  to share the file.
If connect to the printer, the testing records can be printed.



13. Standby

Disconnect APP. If there is no operation for five minutes, the instrument will automatically enter the standby state and the screen display will turn black. All functions work normally in standby mode.

When the bluetooth is connected the instrument will not enter the standby state In standby state, the instrument can store Up to 1000 sets of data Open App data will be automatically transferred.

Data Loading....	
BLE-YC01 2022-01-25 10:32:11 EC:0µS/cm,TDS:0ppm,pH:4.7,ORP:0mV,CL:---- mg/L,17.0°C,62.6°F	>
BLE-YC01 2022-01-25 10:32:11 EC:0µS/cm,TDS:0ppm,pH:4.7,ORP:0mV,CL:---- mg/L,17.0°C,62.6°F	>
BLE-YC01 2022-01-25 10:31:58 EC:0µS/cm,TDS:0ppm,pH:4.9,ORP:0mV,CL:---- mg/L,17.0°C,62.6°F	>
BLE-YC01 2022-01-25 10:31:28 EC:0µS/cm,TDS:0ppm,pH:5.0,ORP:0mV,CL:---- mg/L,16.9°C,62.4°F	>
BLE-YC01 2022-01-25 10:30:58 EC:0µS/cm,TDS:0ppm,pH:5.2,ORP:0mV,CL:---- mg/L,16.9°C,62.4°F	>
BLE-YC01 2022-01-25 10:30:28 EC:0µS/cm,TDS:0ppm,pH:5.4,ORP:0mV,CL:---- mg/L,16.9°C,62.4°F	>

VIEW MORE

Press  and **VIEW MORE...** can find more different models.

PH CALIBRATION

6.8/4.0/9.1 Calibration

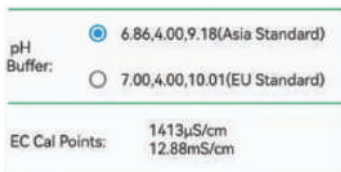
pH Solution: Dissolve each buffer solution into 3 cups which is filled with 250mi distilled water.
Convert to pH mode.

- Put electrode into 6.86 solution;
Wait until the testing is stabilized; Press  for 5 seconds, release button; Wait for 6.8 to flash 3 times;
Finished 6.8 calibration;
Clean electrode with distilled water.
- Put electrode into 4.00 solution;
Wait until the testing is stabilized; Press  for 5 seconds, release button; Wait for 4.0 to flash 3 times;
Finished 4.0 calibration;
Clean electrode with distilled water.
- Put electrode into 9.18 solution;
Wait until the testing is stabilized; Press  for 5 seconds, release button; Wait for 9.1 to flash 3 times;
Finished 9.1 calibration;
Clean electrode with distilled water.

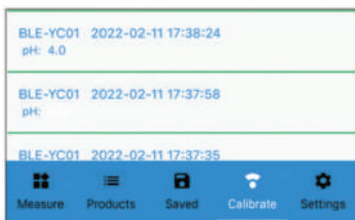
7.0/4.0/10.0 are the same calibration steps.

There has two sets calibration points: 6.8/4.0/9.1 or 7.0/4.0/10.0

It can be chosen in .



Press  can view calibration records.



ORP CALIBRATION

256mV Calibration

- Press  button, convert to ORP Mode;
- Put the electrode in the 256mV solution;
Wait for the value to stabilize;
- Press  for 5 seconds and release button;
Press up arrow  to add digits; Press down arrow  to reduce digits until the showing digit is 256
- Release button; Wait for 256 to flash 3 times;
- Finished ORP calibration.



Clean electrode with distilled water.

EC/SALT CALIBRATION

1413uS/cm Calibration

- Press , convert to EC Mode.
- Put electrode into 1413uS/cm standard solution, wait until the testing is stabilized, press  for 5 seconds, screen displays the testing values. Press up arrow  to add digits. Press down arrow  to reduce digits until the showing digit is 1413. Release button.
- 1413 flashes 3 times, finished 1413 calibration.
- Clean electrode with distilled water.

12.88mS/cm Calibration

- Press , convert to EC Mode.
- Put electrode into 12.88mS/cm standard solution, wait until the testing is stabilized; Press  for 5 seconds, screen displays the testing values. Press up arrow  to add digits. Press down arrow  to reduce digits until the showing digit is 12.88.
- Release button. 12.88 flashes 3 times, finished 12.88 calibration.
- Clean electrode with distilled water.

Please choose a standard solution which is close to your test solution for EC calibration.

ATTENTION

1. When the battery is low, please replace the battery as below:

Unscrew the top cap clockwise direction and replace 3 AAA battery.

Then use the plastic wrench to tighten the battery cap.



Note: The cap must be tightened, otherwise the meter is immersed in water, the meter can't use anymore.

2. Standard value of content in swimming pool:

pH: 6.5~8.0pH ; Chlorine: 0.3~0.5mg/L

ORP: +650~+750mV; TDS: 2700~3400ppm

When the pH <6.5pH, chlorine value is "-- "

That means the pool water needs to be treated.

APPLICATION FIELD



WARRANTY

Meter warranty time: 12 months

Electrode warranty time: 6 months

During the warranty period, the meter will be repaired or replaced free of charge due to damage caused by the meter quality.

The following are not covered by the warranty:

- 1) Damaged by wrong use or self-assembly.
- 2) Damaged by the human factors.
- 3) Damaged by force majeure.