

WIDELY APPLICABLE TO

PH-W9909

Multi-parameter PH / EC TDS / SALT /
S.G / Temperature online APP Tester



Overrun
alarm setting



Automatic
data storage



Mobile APP



24-hour
monitoring

SPECIFICATIONS

SALT 1 ppm (<1000ppm)
10ppm (>1000ppm)

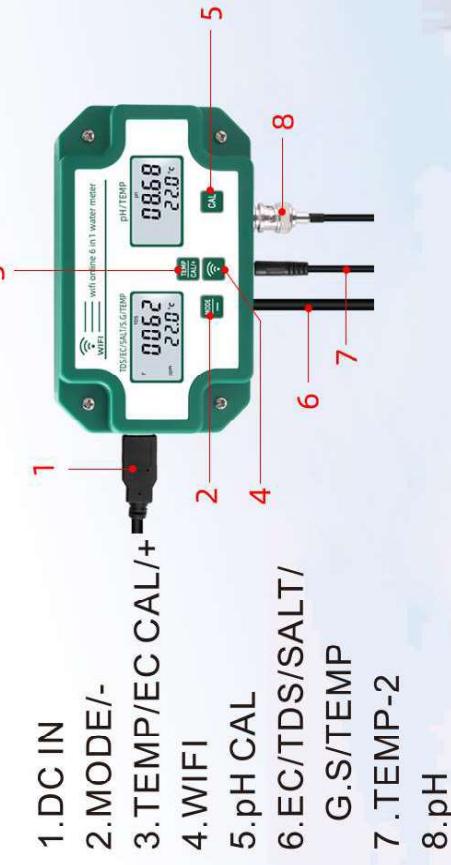
0.1ppt
0.01%

S.G 0.001
Temp 0.1°C (0.2°F)

TDS Accuracy:pH ±0.03pH
EC, TDS, SALT ±2%F.S
Temp ±1.0°C

Battery: DC6V

Temperature Compensation:0°C~50°C
Operating Temperature: 0°C~50°C
Dimensions: 130mm×77mm×31mm
Weight: 180g



Range: pH 0.00-14.00pH
EC 0-19000us/cm
0-199.0ms/cm

TDS Resolution: pH 0.01PH

EC 1us/cm (<1000us/cm)
10us/cm (>1000us/cm)
0.1ms/cm

TDS 1 ppm (<1000ppm)
10ppm (>1000ppm)

0.1ppt
Temp 0°C-50°C (32°F-122°F)

Resolution: pH 0.01PH
EC 1us/cm (<1000us/cm)
10us/cm (>1000us/cm)
0.1ms/cm

TDS 1 ppm (<1000ppm)
10ppm (>1000ppm)

0.1ppt



OPERATION

PH CALIBRATION

1. Remove the protective cap. Connect pH electrode and temperature electrode.
2. Clean the electrode with distilled water, and dry it well.
3. Connect power adaptor to turn on.
4. Put pH electrode, temperature electrode, TDS electrode into testing solution. Stir lightly and take a few seconds for stable reading.
5. Press the “  ”key to choose the °C/F. Press “  ”for 5 seconds to calibrate TDS (EC) value. Press the “  ”key to choose different value display of “TDS/EC/ SALT/S.G. Press “  ” for 5 seconds to calibrate the pH value.
6. Turn off the meter after use. Clean the electrode in distilled water. Put on protective cap.

1. Pour standard buffer solution pH6.86, pH4.00 and pH9.18 (at 25°C) separately into three different clean breakers.
2. For accurate calibration, fill one buffer solution into two breakers. One is for cleaning the electrode, and the other one is for calibration. By doing so, the pollution level can be reduced to the least.
3. Connect to power adaptor to turn on.
4. Immense the pH electrode into standard buffer solution pH6.86, then stir gently until the value is stable. Long press the “  ” key for about 5 seconds. When the screen display “  ”meter go into the pH6.86 automatic correction mode (the meter can automatically identify standard buffer solution of pH4.01、pH9.18 and pH6.86). Display value correspond to the standard buffer solution, the calibration is finished.

5.Clean the pH electrode. Immense the pH electrode into standard buffer solution pH4.01, then stir gently until the value is stable. Long press the “”key for 5 seconds. When

the screen display“”meter go into the

pH4.01 automatic correction mode. Display value correspond to the standard buffer solution, the calibration is finished.

6.Clean the pH electrode. Immense the pH electrode into standard buffer solution pH9.18, then stir gently until the value is stable. Long press the “”key for 5 seconds. When

the screen display“”meter go into the

pH9.18 automatic calibration mode. Display value correspond to the standard buffer solution, the calibration is finished.



EC CALIBRATION

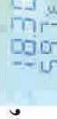
1.Turn on the meter. Press the“”key

to choose the EC-ms.

2.Immense the electrode into the distilled water. Activate it about five minutes.

3.Immense the electrode into EC calibration solution 12.88ms/cm (at 25°C), and stir it gently .

4. When the reading is stable, long press the “”key about 5 seconds. When

the screen display“”or“”. Press

the“”or“”, until the display

shows “12.80-12.90”.

5. Clean the electrode with distilled water and dry it with filter paper.

6.Immense the electrode into EC calibration solution 1.413ms/cm(at 25°C), and stir it gently. The display value is the same as the value of calibration solution or approaching the value.

7. Clean the electrode with distilled water and dry it with filter paper.

APP Multi-parameter Tester

NOTICE

The electrode must be recalibrated:

No calibration for a long time.

Regular and long term continual use.

High accuracy is required.

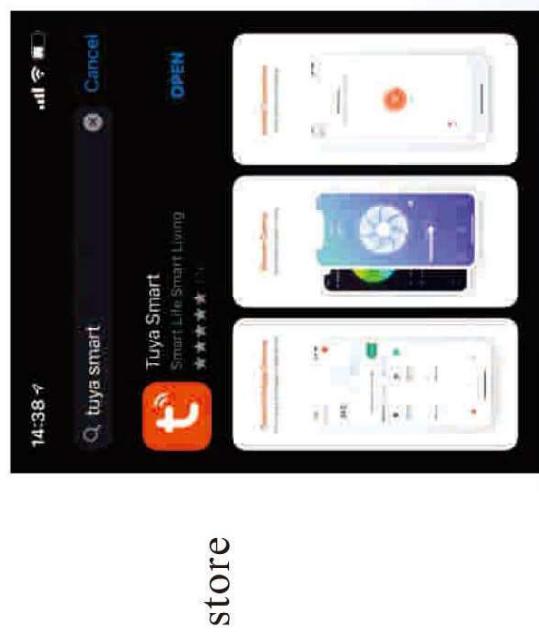
WARRANTY

All defects in materials and manufacture of these device are guaranteed for one year from the date of purchase. Within one year, please return the parts to the dealer or our office for free repair if the damage is not caused by the user's negligence or wrong operation.



Mobile phone connection APP

1. Search "Tuya Smart" in the mobile APP



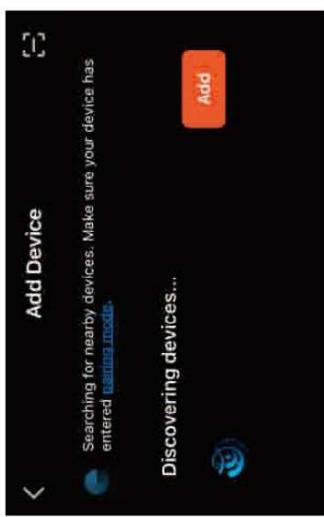
“and download.

2.Click to enter after the download is complete“



“Register an account, then log in the homepage of Tuya

3.The following icon appears



“Click to add,



Mobile

enter WiFi connection

, Click to add a device, long



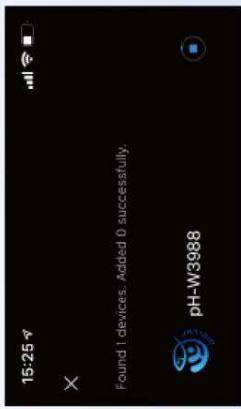
press on the meter key“



”to

phone and device use the same WiFi. Click Next after entering the correct password.

4.Page appears “



the icon appears after download

search device automatically.

“click Finish.



Enter the program to view various parameters.

APP setting alarm

Enter Tuya APP on your mobile phone, click



Smart“
to enter“

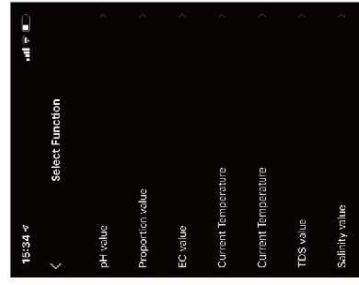
”click“ to create Smart Scene



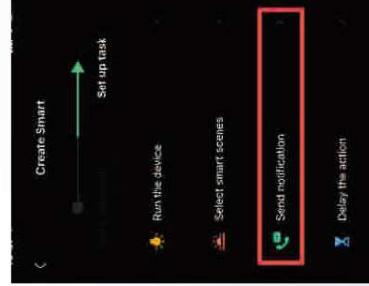
”click“



Select pH value and input a value at random



, click next to



, Click “send a reminder



notification reminder” to enter

select the message reminder, the setting is complete. The current setting alarm is the pH value lower than 5.38. The APP will pop up an alarm message when the pH value is lower than 5.38

