

pH-W218

ISES 0500

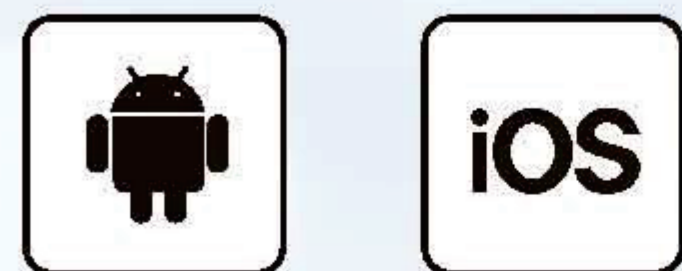
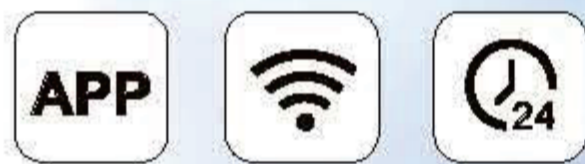
Multi-parameter (pH/ORP/EC/TDS/SALT/S.G/CF/Temperature) online APP Tester

WIFI CONNECTION AND DATA TRANSFER

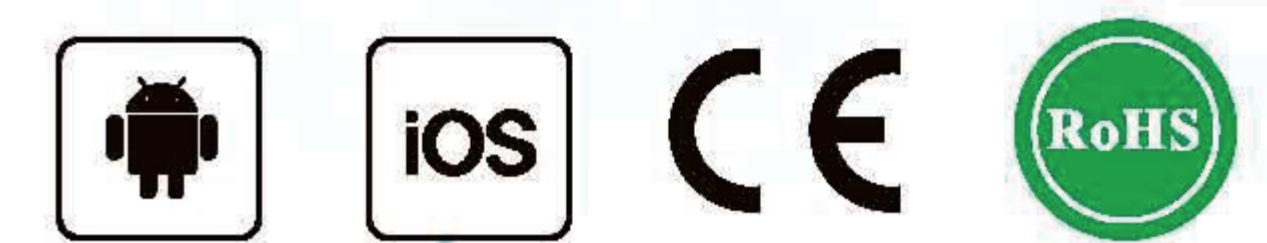
wireless WiFi remote monitoring; connect mobile phone APP; multi-parameter test; automatic alarm; automatic correction; automatic data storage; save data for 30 days.

MOBILE APP MONITORING

W218 is an instrument for 24 hours online monitoring. The APP is compatible with Apple and Android systems. Switch the phone language and region to automatically convert different words on the APP.



wireless WiFi remote monitoring; connect mobile phone APP.
multi-parameter test; automatic alarm; automatic correction.
automatic data storage; save data for 30 days.



SPECIFICATIONS

Range: pH: 0.00-14.00pH
ORP: -2000mv- +2000mv
EC: 0-19000us/cm
0-199.0 ms/cm
CF: 0-1999.0CF
TDS: 0-19990ppm
0-199.0ppt
SALT: 0-199.9ppt
0%-20%
S.G: 0.990-1.400
Temp: 0-50°C(32°F-122°F)

Resolution: pH: 0.01PH
ORP: 1mv
EC: 1us/cm(<1999us/cm)
10us/cm(>1999us/cm)
0.1ms/cm
CF: 1CF
TDS: 1ppm(<1999ppm)
10ppm(>1999ppm)
0.1ppt
SALT: 1ppm(<1999ppm)
10ppm(>1999ppm)
0.1ppt
0.01%
S.G: 0.001
Temp: 0.1°C (0.2°F)


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Accuracy: pH: ± 0.03 pH
ORP: ± 5 mv
EC、CF、TDS、SALT: $\pm 2\%$ F.S
Temp: ± 1.0 °C
Battery: DC6V
Temperature Compensation: 0°C-50°C
Operating Temperature: 0°C-50°C
Dimensions: 152mm×80mm×26mm
Weight: 245g

OPERATION

1. Remove the protective cap. Connect pH electrode, ORP 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

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choose different value display of "TDS/EC/SALT/

S.G/CF. Press "  " for 5 seconds to calibrate

the pH value. Press "  " for 5 seconds to calibrate ORP value.

6. Turn off the meter after use. Clean the electrode in distilled water. Put on protective cap.


PH correction 3 points

1. Pour standard buffer solution pH6.86, pH4.00 and pH9.18 (at 25°C) separately into three different clean beakers.

2. For accurate calibration, fill one buffer solution into two beakers. 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. Plug in and turn on the device.

4. Immerse the electrode into standard buffer solution pH6.86, then stir gently until the value



is stable, and press the "  " for 5 seconds.

When the screen display "  " meter

enter the pH6.86 automatic correction mode



(the meter can automatically identify standard buffer solution of pH4.00 and pH6.86). While display value correspond to the standard buffer solution, the calibration is finished.

5. Clean the electrode. Immerse the electrode into standard buffer solution pH4.00. Press the


"  " for 5 seconds when the display value is stable. When screen display "  "

meter enter the pH4.01 automatic calibration mode. While display value correspond to the standard buffer solution, the calibration is finished.

6. Clean the electrode. Immerse the electrode into standard buffer solution pH 9.18. Press the


"  " for 5 seconds when the display value is stable. When screen display "  "

meter enter the pH9.18 automatic calibration mode. While display value correspond to the standard buffer solution, the calibration is finished. Users can choose the calibration solution 6.86 4.00 9.18, 7.00 4.00 10.00. Factory default calibration is 6.86 4.00 9.19. The operation is

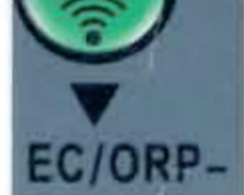
as follows: long press "  " for five seconds

in the calibration solution of 6.86 or 7.00. When value 6.86 flashing shows, immediately press




“” to switch to 7.00 calibration. Please be careful not to use the wrong calibration solution for calibration during the calibration process.

EC CALIBRATION


1. Turn on the meter. Press the “” key to choose the EC-ms.

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

3. Immerse 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 “12.70-
12.90”.

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

6. Immerse 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 close to the value.


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

ORP Calibration


1. Plug in the power to turn on.

2. Immerse the ORP electrode into distilled water for five minutes.

3. Immerse the electrode in ORP calibration solution of 265mv(25°C) and stir gently.

4. When the reading is stable, press and hold the “” for about 5 seconds. When the screen

displays “” or “”, press “”

or “” plus or minus value, until the display shows “265”.

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

6. Immerse the electrode in ORP calibration solution of 100mv (25°C) and stir gently until the display value is the same as or close to the value of the calibration solution.

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

NOTICE

The electrode must be re-calibrated:
No calibration for a long time.

Regular and long term continual use.
High accuracy is required.

WARRANTY

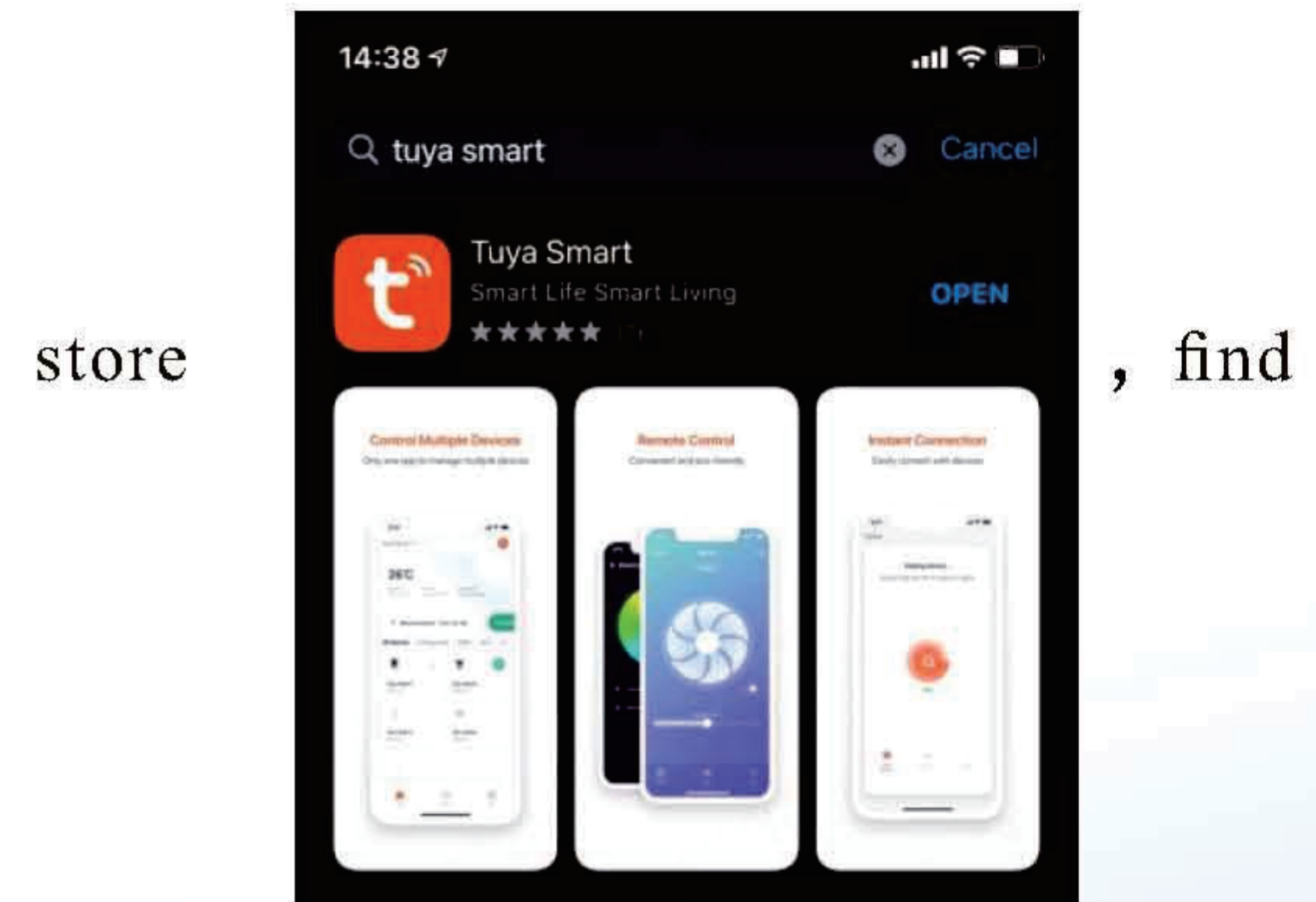
All defects in materials and manufacture of these device are guaranteed for one year from the date of purchase. Within one year, please return the parts to the dealer or our office for free repair if the damage is not caused by the user's negligence or wrong operation.



APP Multi-parameter Tester

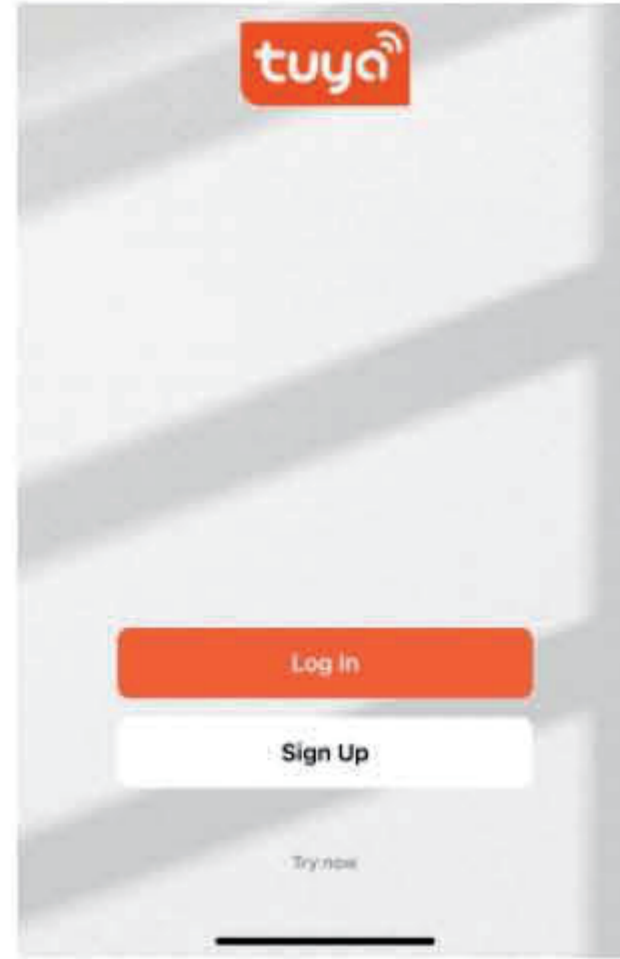
Mobile phone connection APP

1. Search "Tuya Smart" in the mobile APP



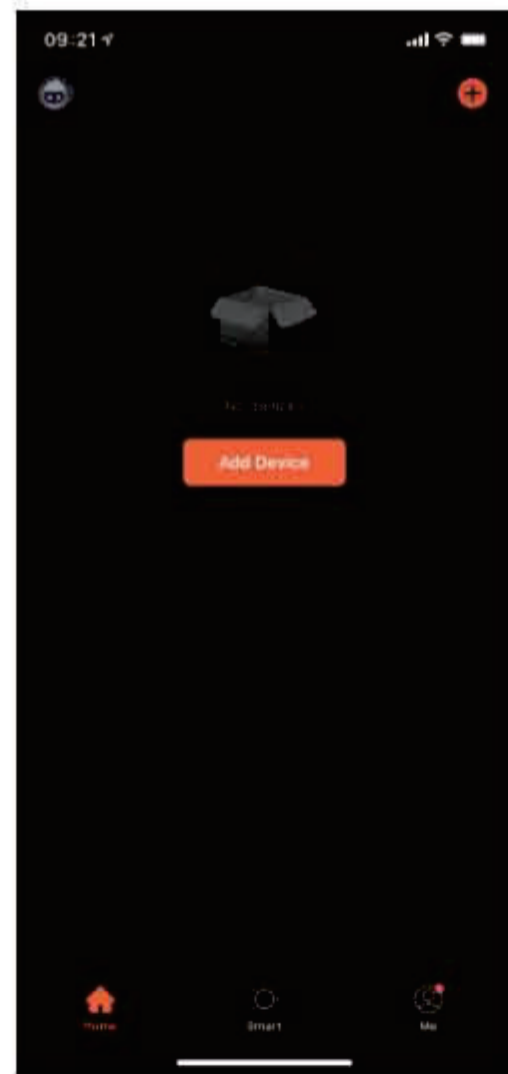
2. Click to enter after the download is

complete“



”Register an

account, then log in the homepage of Tuya



, Click to add a device, long

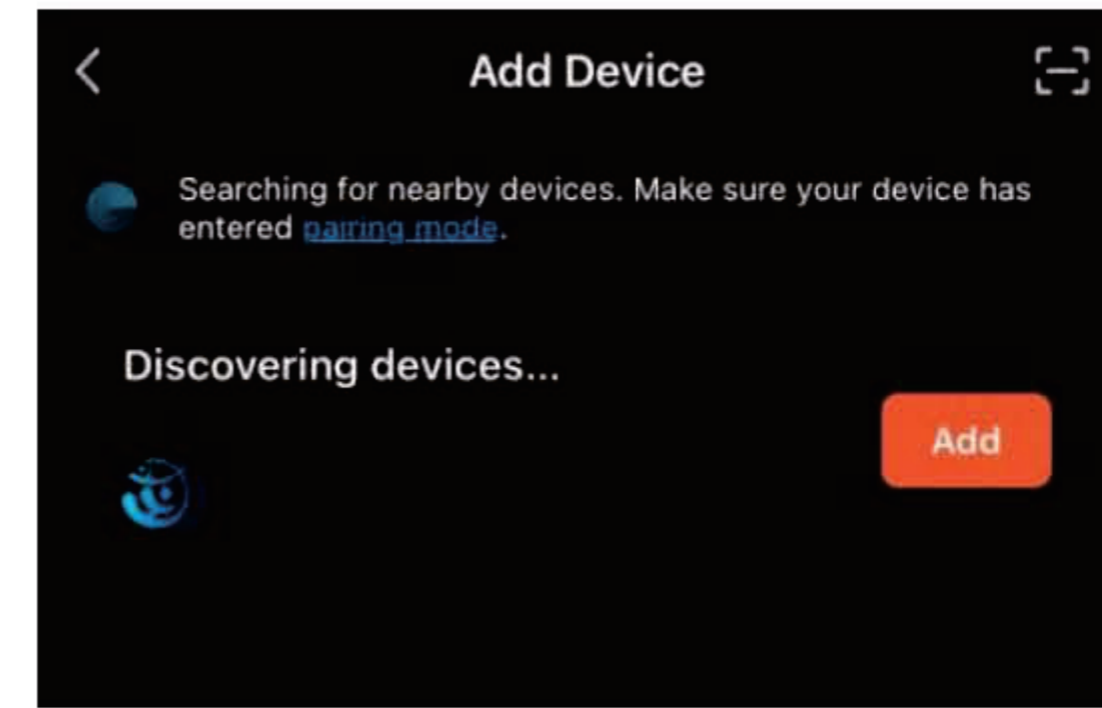
press on the meter key“



”to

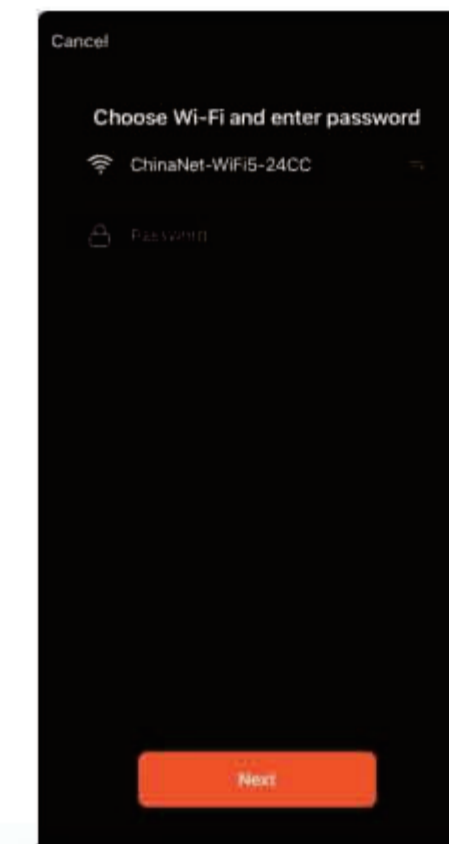
search device automatically.

3. The following icon appears“



”Click to add,

enter WiFi connection



Mobile

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

4. Page appears “

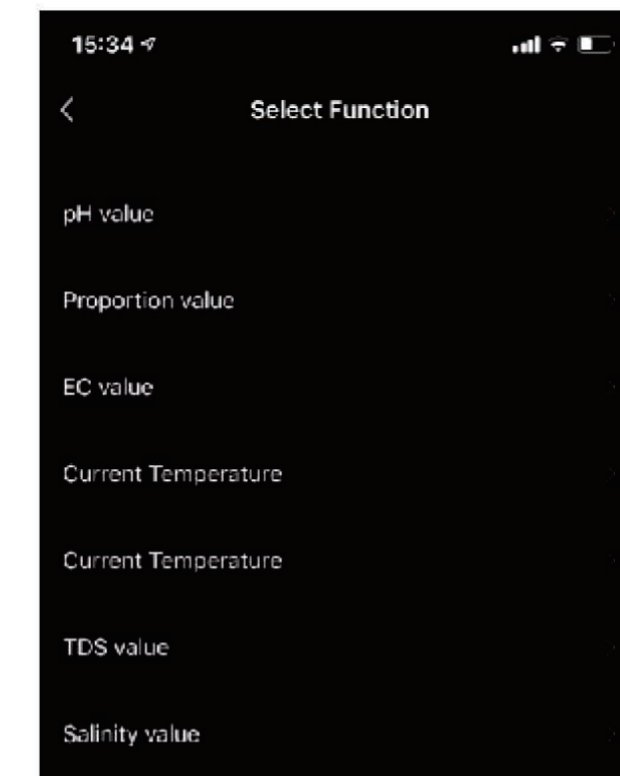
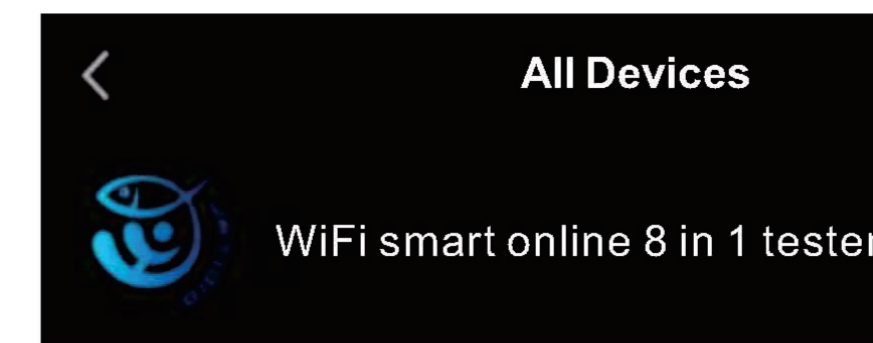


the icon appears after download

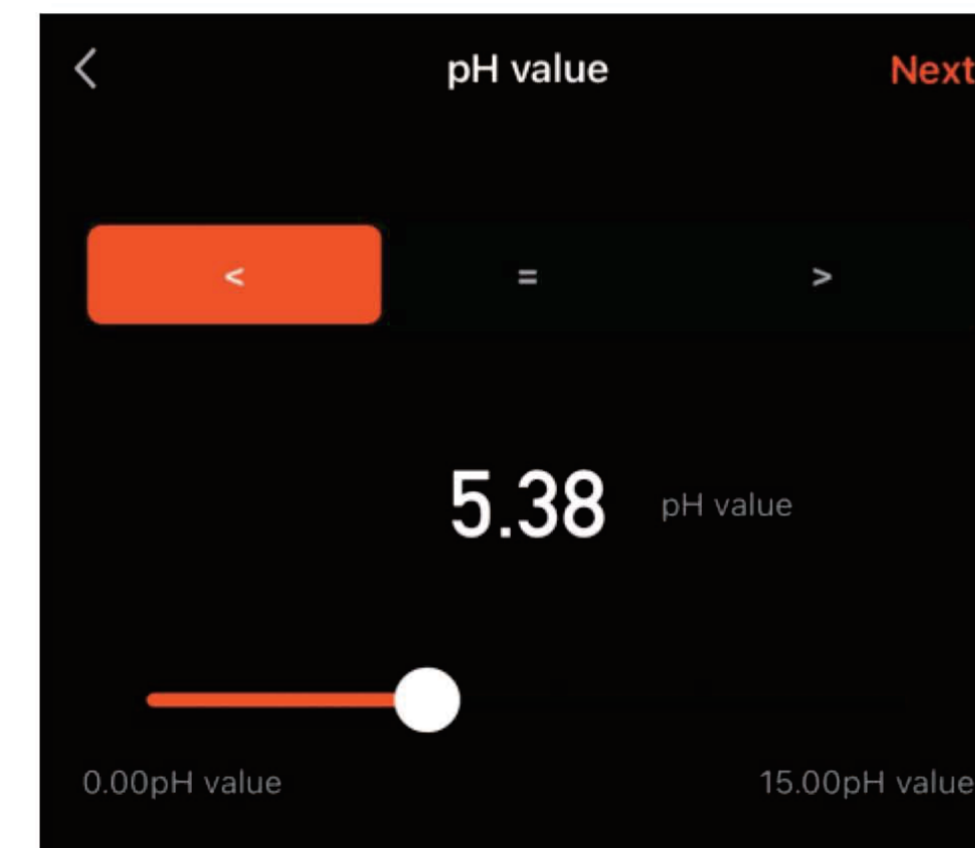
“ ”click Finish.



Enter the program to view various parameters.



Select pH value and input a value at random

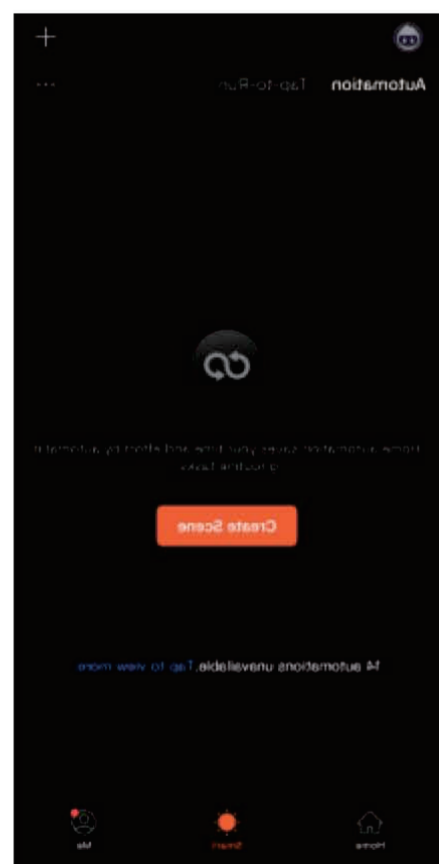


, click next to

APP setting alarm

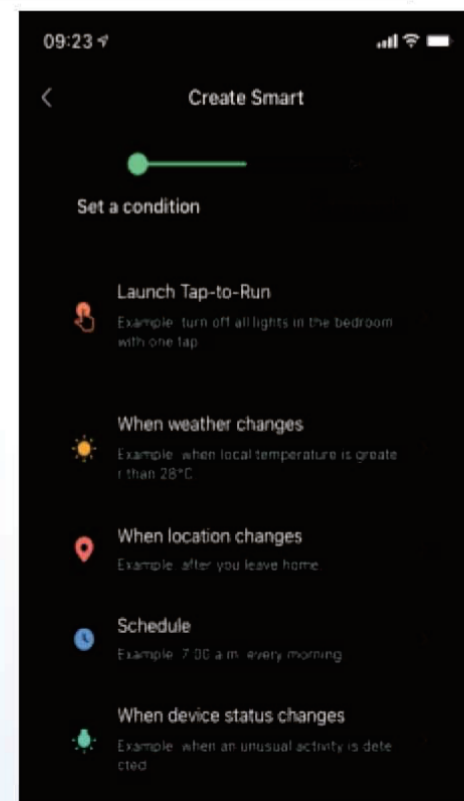
Enter Tuya APP on your mobile phone, click

Smart“

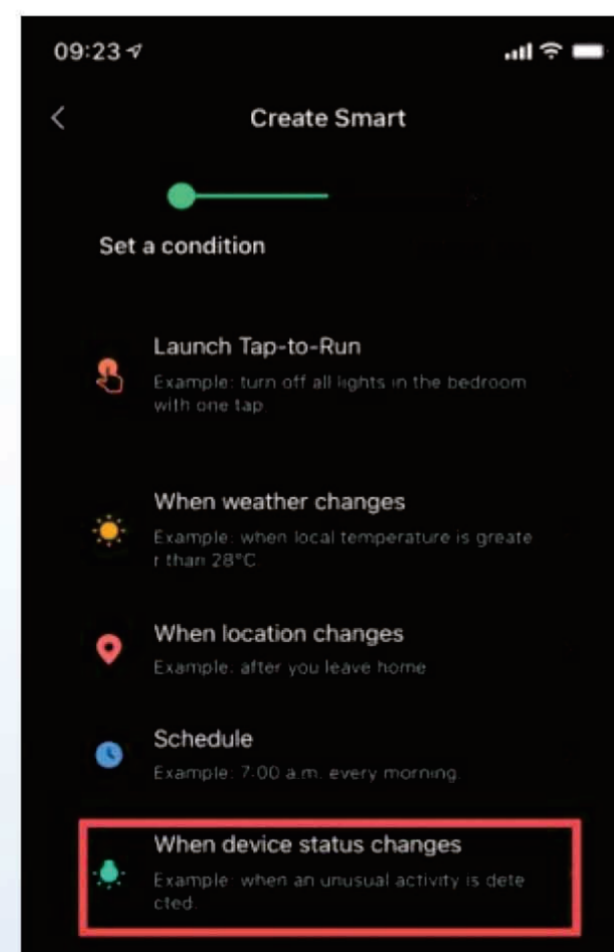


” to create Smart Scene

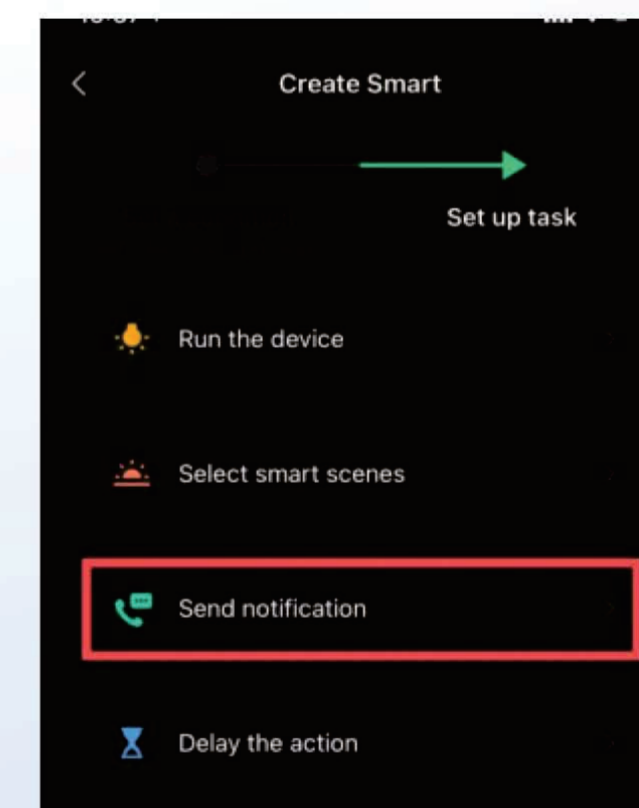
to enter“



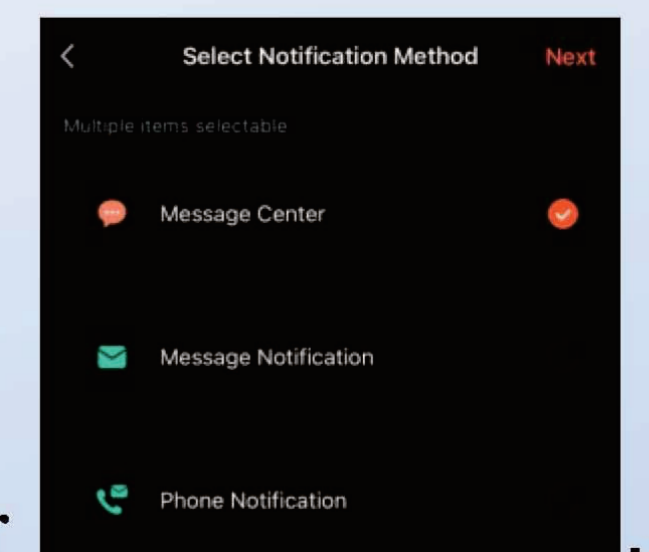
”click“



, 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

