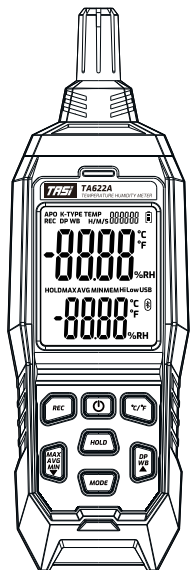




TA622A / B / C

TEMPERATURE HUMIDITY METER

Instruction Manual



©Suzhou TASI Electronics Co.,Ltd.
All rights reserved
Pack #: PB01-0145

Thank you very much for your patronage and choosing our products. Before you use this product please read this manual carefully as it will familiarize you with the correct operating procedure of our TASI product.

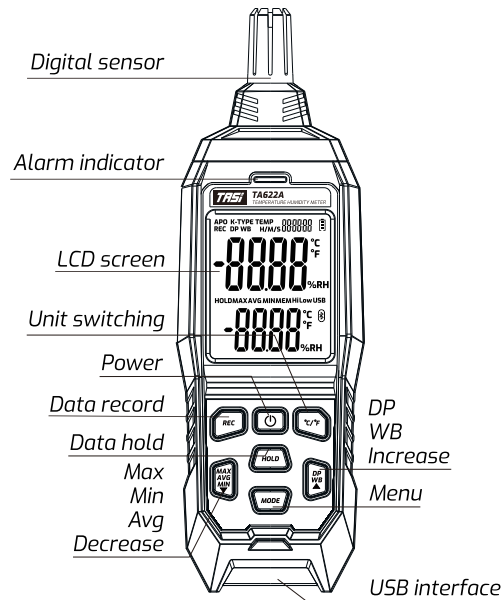
△ Notice: Before using this instrument, please read this manual carefully.

Product Features

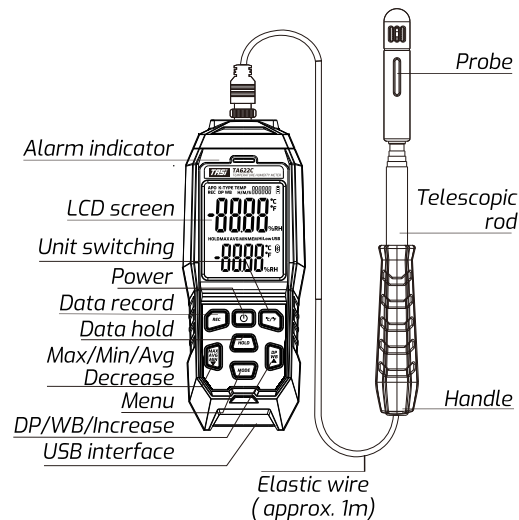
- Demonstrate the temperature and humidity simultaneously;
- With data hold, max/min/avg measurement function;
- Auto power off and cancel auto power off function;
- With data records download and real-time PC connection function, it can display real-time data sheet and real-time data charts; export and print data sheet and charts; PC software is suitable for Win7, Win8, Win10 (only TA622B/C);
- The upper and lower limit can be set separately. When over upper lower limit, there will be a buzzer alarm sound, and the the alarm light will flash;
- Low battery indication function.

Panel Instruction

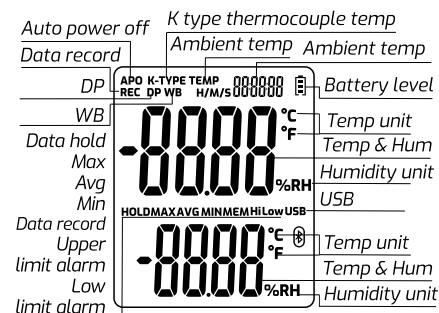
TA622A/B



TA622C



Display



Specification

Model	TA622A	TA622B	TA622C
Measurement method	Integral type		Split type
Environment temp.	Range	-40~80°C (-40~176°F)	
	Accuracy	±0.5°C, ±1°F	
	Resolution	<100°C 0.01°C/0.01°F; ≥100°F 1°F	
Relative hum.	Range	0~100%RH	
	Accuracy	±3.0%RH(10~90%RH)	
	Other range	±5.0%RH	
WB DP	Resolution	<100%RH 0.01%RH	
	Range	-40~80°C (-40~176°F)	
	Accuracy	±0.4°C, ±1°F	
Resolution	<100°C 0.01°C/0.01°F; ≥100°F 1°F		
Sensor	Swiss (SHT C3)		
Sampling rate	10 times/s		
Refresh rate	3 times/s		
Recording time	From REC start, max 99H		
Data logger	8000 groups	4000 groups	4000 groups
USB connection	-	√	√
Auto power off	15 mins (can be canceled)		
Working environment	-10~50°C, max 80%RH, indoor altitude<2000m		
Storage environment	-10~50°C, max 70%RH (battery removed)		
Product size	218 x 70 x 35mm	175 x 70 x 35mm	
Screen size	53 x 44mm		
Weight	Approx. 190g (battery not included)		
Power	3 x 1.5V AA (LR06) battery USB micro interface 5V		

Button Function Description

- : Power button, long press to turn-on and tap to turn-off;
- HOLD** : Data hold, tap to turn on and turn off the data hold function;
- °C/°F** : Tap for temperature unit switching, long press ≥2s to switch the main window to demonstrate the humidity. The default of the main window is humidity when it is turned on, and it will be stored after setting;
- REC** : Data logger, long press≥2s to start the data recording, short press to stop and restart, then long press≥2s to close the data record;
- MAX
AVG
MIN
▼** : Short-press to cycle among the maximum value, average value, minimum value, and real-time value; ▼ uses for deducting data under the Mode menu;
- DP
WB
▲** : Switching the unit between the DEW POINT (DP), WET BULB(WB)and environment temperate; ▲uses for adding data under the Mode menu;
- MODE**: Long press over 2s to enter the menu.

Press the 1st time to enter the REC data recording interval time adjustment. You can adjust the recording interval time through the up and down keys. The default value is 5s, 10s, 30s, 60s, 30mins, 60mins, 12h and 24h, 8 levels in total;

Press the 2nd time to enter the data record interface, the MEM symbol will demonstrate, and the recorded groups will be displayed on the top. You can check the records by pressing▲and▼ keys. Under this menu, long press▲and▼ buttons ≥2s to clear the stored data;

Press the 3rd time to enter the HI alarm setting, the default is OFF when the power is turned on. Switched it to ON symbol by pressing the▲ and▼ keys;

Press the 4th time to enter the temperature alarm setting, pressing the▲and▼keys to adjust the alarm values;

Press the 5th time to enter the humidity alarm setting, pressing the▲and▼keys to adjust the alarm values;

Press the 6th time to enter the LOW alarm setting, the default is OFF when the power is turned on. Switched it to ON symbol by pressing the▲and▼keys;

Press the 7th time to enter the temperature alarm setting, pressing the▲and▼keys to adjust the alarm values;

Press the 8th time to enter the humidity alarm setting, pressing the▲and▼keys to adjust the alarm values;

Press the 9th time to exit the menu and save the set data.

Note: The recorded data will be saved to avoid lost after power-off or replace the battery.

Measurement Method

- Press **○** to turn on the meter;
- Refer to the function description of each button, press the function button to enter each measurement function;
- Check the measured value on the LCD display;
- Measuring done, press the power button to turn it off;
- K-type thermocouple probe measurement, automatic recognition when the probe is plugged in, the main display switched automatically, and the K-TYPE TEMP

symbol will demonstrate on the screen, indicating that the current value is the K-type probe temperature.

Warm notice:

When moving the meter from one environment to another, please wait for a period of time for the meter to stabilize.

Auto Power Off and Cancel Auto Power Off

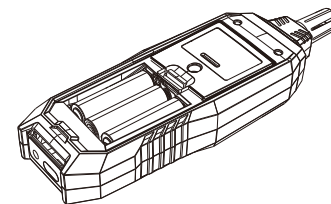
- The auto power off function switches on by default, the screen shows the APO symbol when turning on the meter. Only if you stop using it for 15 minutes will it trigger the automatic power off mode;
- If you need to cancel the automatic shutdown function, press HOLD and POWER button to turn on the meter, the APO symbol will not appear and the automatic power off function is canceled. The auto power of function can be restored as long as restart the meter;
- When the meter turns on the auto shutdown function, the display screen shows the APO symbol, APO symbol will disappear once canceled the auto shutdown function;
- The meter will not automatically power off even if the APO symbol is on under USB powered mode.

Battery Replacement

- When low battery appeared, the battery level shows empty, indicating that the battery needs to be replaced;
- Replace the 3pcs AA batteries by removing the battery compartment cover, please pay attention to the battery when placing the battery into the compartment;

- Ensure that the compartment cover is securely fastened when finished.

Remark: when the battery is lower than about 4.2V, the battery low voltage prompt.



Maintenance

- Do not measure for a long time under high temperature and high humidity environment;
- Regular calibrated is needed to maintain the accuracy of the device;
- Please remove the battery if not used for a long time;
- If your device does not work properly, and the repair requirements was confirmed by the manufacturer or dealer. The user should provide a text failure description and packing list, and the packaging should be well cushioned and protected.

Please scan the QR code to download the driver software



TASI

CE

Product: TEMPERATURE HUMIDITY METER
Model: TA622A/B/C
Date: 24/02/2024

Suzhou TASI Electronics Co.,Ltd.
Add:5th Floor, Building 5, No. 317, Mudong Road,
Wuzhong District, Suzhou City, Jiangsu Province, China.
Tel:+86-512-68057436
<http://www.china-tasi.com>

MADE IN CHINA