

AiXun

DT01

**Smart Digital Display
Thermometer**



User Manual

Please read this manual carefully before use

1

Cautions

To ensure the safety of the equipment and personnel and the accuracy, the following items should be observed.

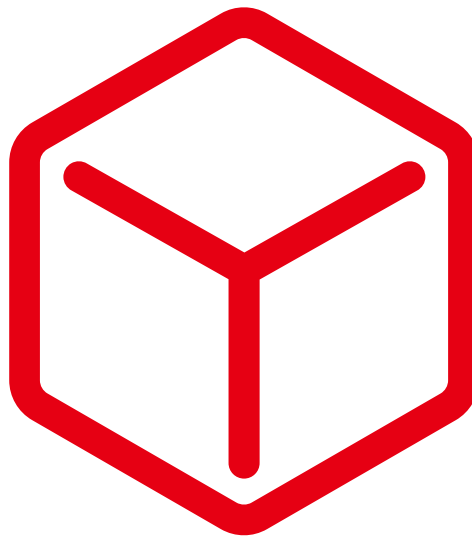


- Precise device, please handle with care.
- High temperature, non-professionals do not operate at will.
- High precision sensor (dia:0.2). Do not pull or press.
- Do not touch the surface beyond the measure point with soldering tips in high temperature
- Alcohol can be used to clean up any flux attached to the point. Do not use diluter or volatile oil.
- Please replace the component in time when it reminds with [Abnormal component].
- If it shows in ⚡ icon, please replace the battery to guarantee the normal measurement.

2

Product Features

DT01 smart digital display thermometer
includes the following features



- Simple and fashionable appearance, easy and convenient for use.
- OLED HD display, smart and digital, clear and intuitive.
- Thermocouple and K-type socket design, enables to measure the temperature of soldering tips, hot air gun, surface, liquid, etc.
- Precise measurement, accurate, stable and efficient, built-in temperature curve record and replay.
- Support type-C cable and bluetooth transmission, support temperature calibration by matching with AiXun soldering stations.
- Smart AI function, auto reminder of low battery, auto report of failure components, auto shut down at standby time.
- Continuous software upgrade. Connect the device to AiXun platform by a USB cable to enjoy auto software upgrading.

3

List of Packing

The package of DT01 includes the following components



1

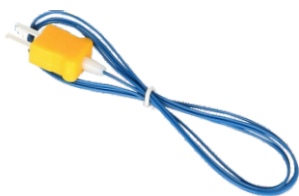
DT01 Host x 1



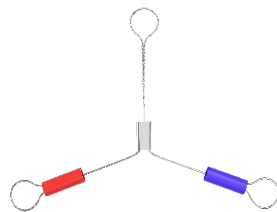
2 User manual card



3 Certificate



4 K-type thermocouple x 1



5 Triangle temp sensor x 10



6 Type-C cable x 1

4

Parameters

Model:DT01	Dimension:117.7*65*36mm	N.G.:100g
Working temp:0-40C°	Components: Tringle temp sensor/K-type thermocouple	
Temp range:0-500°C	DPI:1°C	Accuracy: ±3°C
Type-C input:4.8-5.5V	Display:OLED	Battery: 9V alkaline dry cell



B

ON/OFF key

Click: ON/OFF the device
Long press: forcibly enable the USB mode



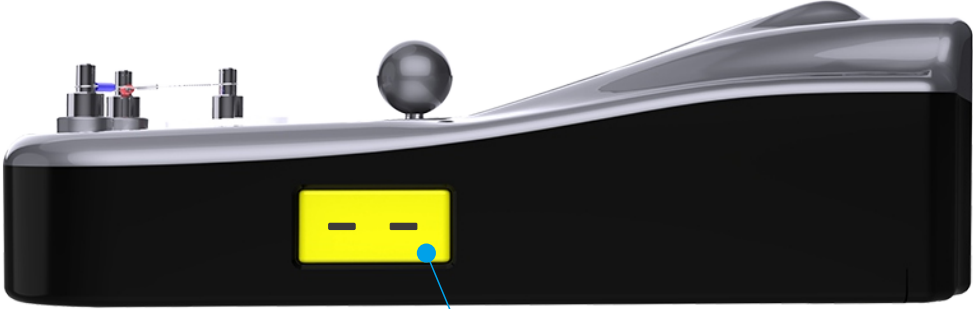
Type-C socket

Type-C USB cable port



Removable battery slot

C



K-type socket on the right side

Standard package with a thermocouple

● Icons



USB



BT on



BT connected



BT off



Charge

5

Operating steps

Operation steps of DT01



- Step 1

Put the red side of sensors in the red end, the blue side in the blue end, and the silver side in the above end.

- Step 2

Click the power switch , start operating when the temperature shows on the screen

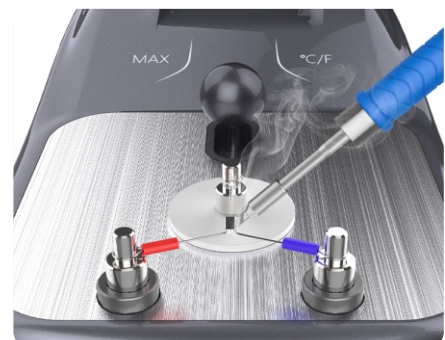


- Step 3

Click the °C/F key to switch °C and °F. °C is generally used.

- Step 4

Before testing, add some tin on the soldering iron tip, the soldering tip should be 45° from the test point.
(Please keep the tip clean)





Step 5

When the temperature is stable, press the "MAX HOLD" key and it will display at the lower right of the window. At this time, the thermometer will keep the current maximum temperature tested and record the data. Press "MAX HOLD" again to start a new measurement.

Step 6

After use, clean the residue, press the power switch to shut down the device, and finish the measurement.



6

After-sale Service

Warranty regulations

- The product is guaranteed for one year from the date of purchase (subject to the purchase certificate).
- The warranty service is only valid under normal use. All man-made damage, such as improper use of accessories, failure to use according to instructions, damage not caused by our company's repair, wrong use or negligence, the warranty service will immediately invalid.
- The company has the final right to interpret the above regulations for users who do not comply with the above regulations.

AiXun

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