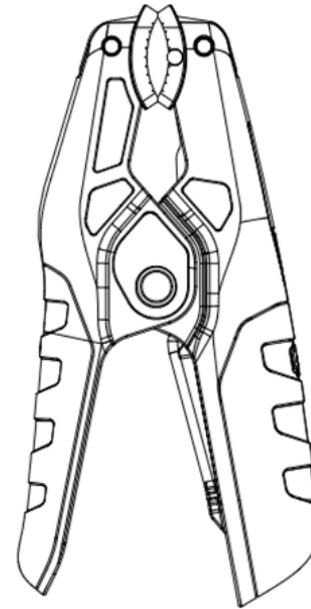
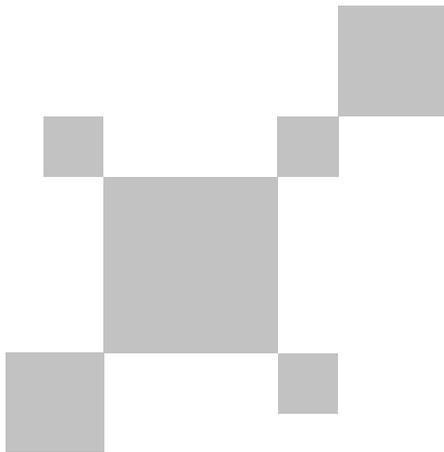


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UT320i
Wireless Temperature Clamp
User Manual

PREFACE

Thank you for purchasing the new Wireless Temperature Clamp. In order to use this product safely and correctly, please read this User Manual thoroughly, especially the Safety part. After reading this guideline, it is recommended to keep the manual and product at an easily accessible place, preferably close to the device, for future reference.

LIMITED WARRANTY AND LIABILITY

Uni-Trend guarantees that the product is free from any defect in material and workmanship within one year since the purchase date. This warranty does not apply to damages caused by accident, negligence, misuse, modification, contamination and improper handling. The dealer shall not be entitled to give any other warranty on behalf of Uni-Trend. If you need warranty service within the warranty period, please contact your seller directly.

This warranty is the only compensation you can obtain. Besides, Uni-Trend does not provide any express or implied warranty, e.g. an implied warranty for some particular purpose. Uni-Trend will not be responsible for any special, indirect, incidental or subsequent damage or loss caused by any reason or speculation. As some areas or countries do not allow limitations on implied warranties and incidental or subsequent damage, the above limitation of liability and stipulation may not apply to you.

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1.Product Overview

The UT320i Wireless Temperature Clamp is a high-precision temperature measurement tool. Its clamp-type probe provides users with convenient, fast, and accurate temperature measurements of pipe surfaces, particularly suitable for HVAC system's inspection, troubleshooting and maintenance. It features a low-power LCD display for easy reading and supports wireless connection with mobile APPs. It can also connect with UT336E Digital Manifold Gauge, making it free from the spatial constraints of wired connections and enable efficient multi-device collaborations to form a smart diagnostic tool set for HVAC system.

2.Product Features

- Equipped with a full-view and low-power LCD screen
- High-precision measurement
- 100m wireless transmission + mobile APPs, easy for reading
- Rechargeable lithium battery, long battery life up to 180 hours
- Data storage, maximum 10000 sets

3.Configurations

UT320i Wireless Temperature Clamp -----	1
User Manual -----	1
USB-C Charging Cable -----	1
Safety Guide -----	1
General Download Operation Guide -----	1

If any components are missing or damaged, please contact your dealer.

4.Safety

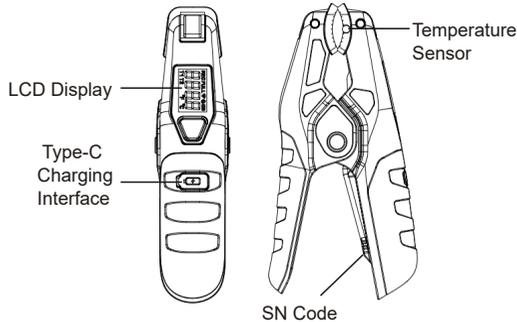
Read the Safety carefully before using the device.

▲ "Warning" identifies the dangerous situations and operations may cause to users. "Caution" identifies the potential damages may cause to products or test equipment.

- Before the measurement, please read and follow the instructions.
- Check the device and accessories before you use the device.
Do not use it any more if the housing of device is damaged or the device fails to work normally.

- Do not disassemble the device or alter the internal wires randomly to avoid device damage.
- When the low battery  is displayed on the LCD, please charge the device in time to ensure its normal use.
- Charge the device with a standard DC 5V adapter only. Using a power supply/adaptor with any other voltage may damage the device.
- Do not store or use the device in high-temperature, high-humidity, flammable, explosive, or strong electromagnetic environments.
- Use soft cloth and neutral detergent to clean the housing of device. Do not use abrasives and solvents to avoid housing corrosion and device damage.

5.Product Structures



Buttons:

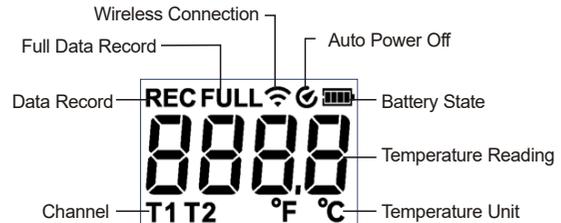
Button	Short Press	Long Press	Double Press	Triple Press
	Backlight ON/OFF	Power On/Off	Wireless Transmission On/Off	Start/Stop Recording

LED Indicators:

Channel	Charging	Fully Charged	Power On	Other
T1	Blue light	Solid green	Blue flashes quickly, but flashes slowly during wireless transmission	The LED is off when the device is in power-off state or the wireless transmission function is off. It flashes yellow for low battery or over-range (OL).
T2	Red light	Solid green	Red flashes quickly, but flashes slowly during wireless transmission	
No Channel	Green light	Solid green	Green flashes quickly, but flashes slowly during wireless transmission	

6. Operations

- 1) Long press POWER button  to power on the device.
- 2) Please connect with mobile APP to set the unit switch or auto-power-off cancel.
- 3) Fasten the clamp to the pipe of the measured system.
- 4) Check the temperature value.
- 5) Enable data record as needed.



7. Technical Specification

Unit	°C、°F
Range	-50 ~150°C
Overload	Greater than 151.0°C OL; Less than -50.5°C -OL
Resolution	0.1
Accuracy	±0.5°C(-50 ~80°C), ±1°C(80 ~150°C)
Data Storage	10,000
Measured Pipe Diameter	6 ~ 42mm
Wireless Connection Distance	100-meter of open space without obstacles
Unit Memory	When power on the device, it defaults to the last unit used.
Auto Power Off	The device will be auto power off after 5 minutes of no operation or set it to off. It will not be auto power off during the wireless connection.
Battery State	4-bar battery display, low battery prompt
Battery Type	Built-in rechargeable lithium battery 3.7V 1400mAh.
Working Life	180 hours when in power-on state and wireless transmission ON; 120 hours when in power-on state, wireless transmission ON and backlight ON;
Environmental Requirements	Working: -20 50°C 85 %RH; Storage: -20 60°C.
IP Rating	IP65
Drop test	2m

8. Tips and Help

- "OL or -OL": The reading is out of the measurement range. Please measure within the specified range.
- "FULL": The data record is full, please clear it in the mobile APP.
- "Clr": Data clearing.

9. Mobile APP Download

Download the mobile APP iENV in the following ways:
For iOS devices, search and download iENV in App Store;
For Android devices, search and download iENV in Google Play or scan the QR code to download.



10. Maintenance

- 1) Operating Environment: The meter is a precision measurement tool and should be kept away from impact, strong shock, moisture, strong electrical currents, magnetic fields, oil, and dust.
- 2) Housing Cleaning: Alcohol and diluents can corrode the housing, especially the LCD window, so please gently wipe it with a small amount of water.

11. Warranty

- 1) Please refer to the warranty card provided for details of the warranty.
- 2) Any damage caused by user self-disassembly, improper use, altering the warranty card without permission, or no proof of purchase is not covered by the warranty.

The User Manual is subject to change without prior notice!

Due to different batches, the materials and details of actual products may be slightly different from the graphic information, please refer to the actual product received. Experimental data provided in the page is from internal laboratory of UNI-T, but it should not be a reference for customer to place orders. Any questions, please contact the customer service, thanks!