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Typhur WT05

Typhur Sync Gold Wireless WiFi Meat Thermometer User Manual

Model: WT05

1. Introduction

Thank you for choosing the Typhur Sync Gold Wireless WiFi Meat Thermometer. This device is designed to provide precise temperature monitoring for various cooking methods, including grilling, smoking, oven baking, and air frying. Featuring advanced Sub-1 GHz wireless technology and multiple sensors, it ensures accurate and reliable readings for perfect culinary results.
This manual provides detailed instructions for setting up, operating, and maintaining your Sync Gold thermometer. Please read it thoroughly before use to ensure optimal performance and longevity of your device.

2. What's in the Box

- Typhur Sync Device Base x 1
- Meat Probe x 2
- Charging Cable x 1
- User Manual x 1
- 3 C Batteries (pre-installed or included separately)

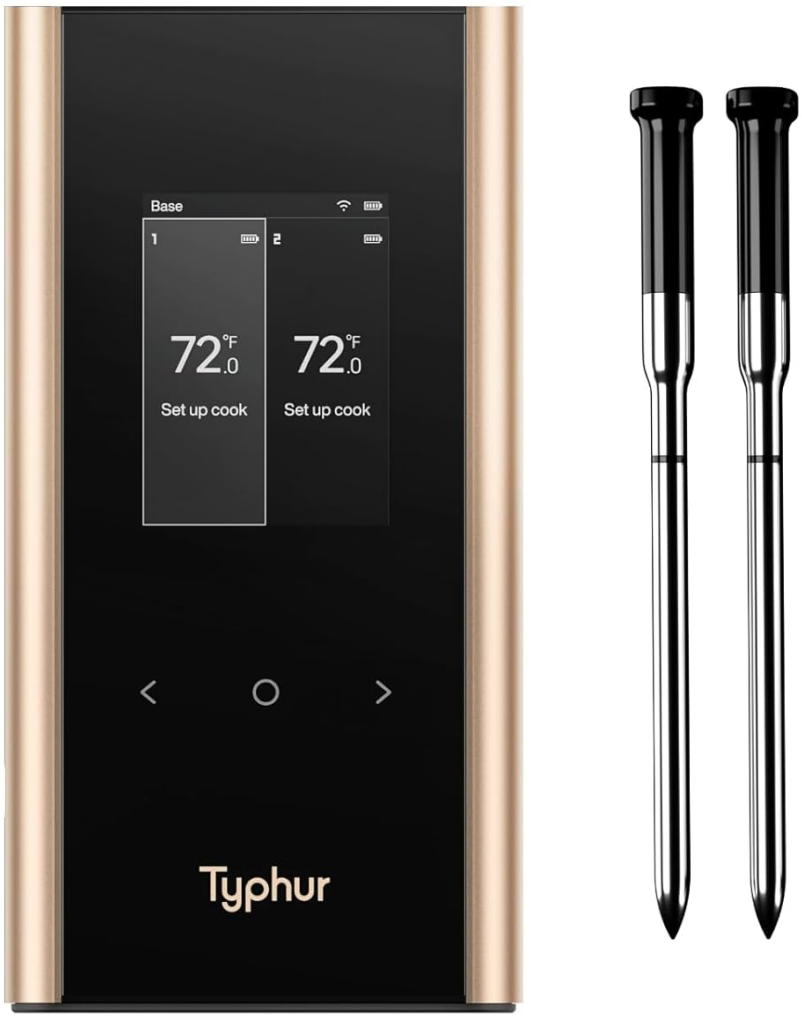


Image: The Typhur Sync Gold Smart Base and two wireless meat probes, illustrating the main components included in the package.

3. Setup Guide

3.1 Initial Charging and Power On

1. **Insert Batteries:** Ensure the 3 C batteries are correctly inserted into the Sync Gold Device Base.
2. **Charge Probes:** Place the meat probes into the charging slots on the Sync Gold Device Base. The probes will begin charging automatically. A full charge is recommended before first use.
3. **Power On:** The device base will power on automatically when probes are inserted or when connected to power.

3.2 Connecting to the Typhur App (Optional)

While the Sync Gold base can operate independently, connecting to the Typhur app provides enhanced features and remote monitoring.

1. **Download App:** Download the "Typhur" app from your smartphone's app store.

2. **Create Account:** Follow the in-app instructions to create an account or log in.
3. **Pair Device:** Follow the app's prompts to pair your Sync Gold Device Base. Ensure your smartphone's Bluetooth and Wi-Fi are enabled. The device uses Sub-1 GHz technology for probe-to-base communication and Wi-Fi for base-to-app communication, offering extended range.

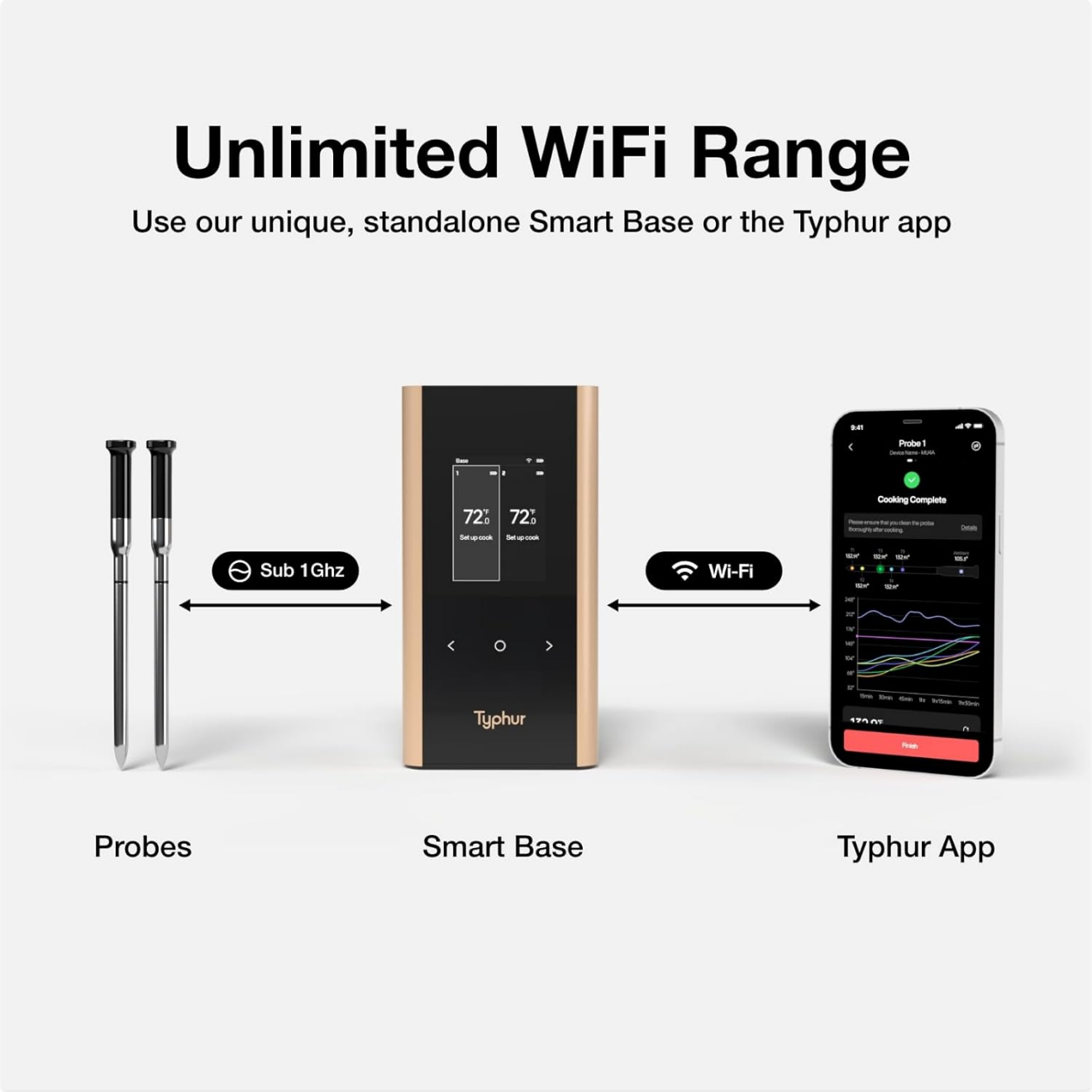


Image: Connectivity diagram illustrating how the probes communicate with the Smart Base via Sub-1 GHz technology, and the Smart Base connects to the Typhur App via Wi-Fi for extended range monitoring.

4. Operating Instructions

4.1 Inserting the Probe

Carefully insert the probe into the thickest part of the meat, avoiding bones. Ensure the probe is inserted deep enough so that all internal sensors are within the meat for accurate internal temperature readings. The ambient tip sensor should be exposed to the cooking environment.

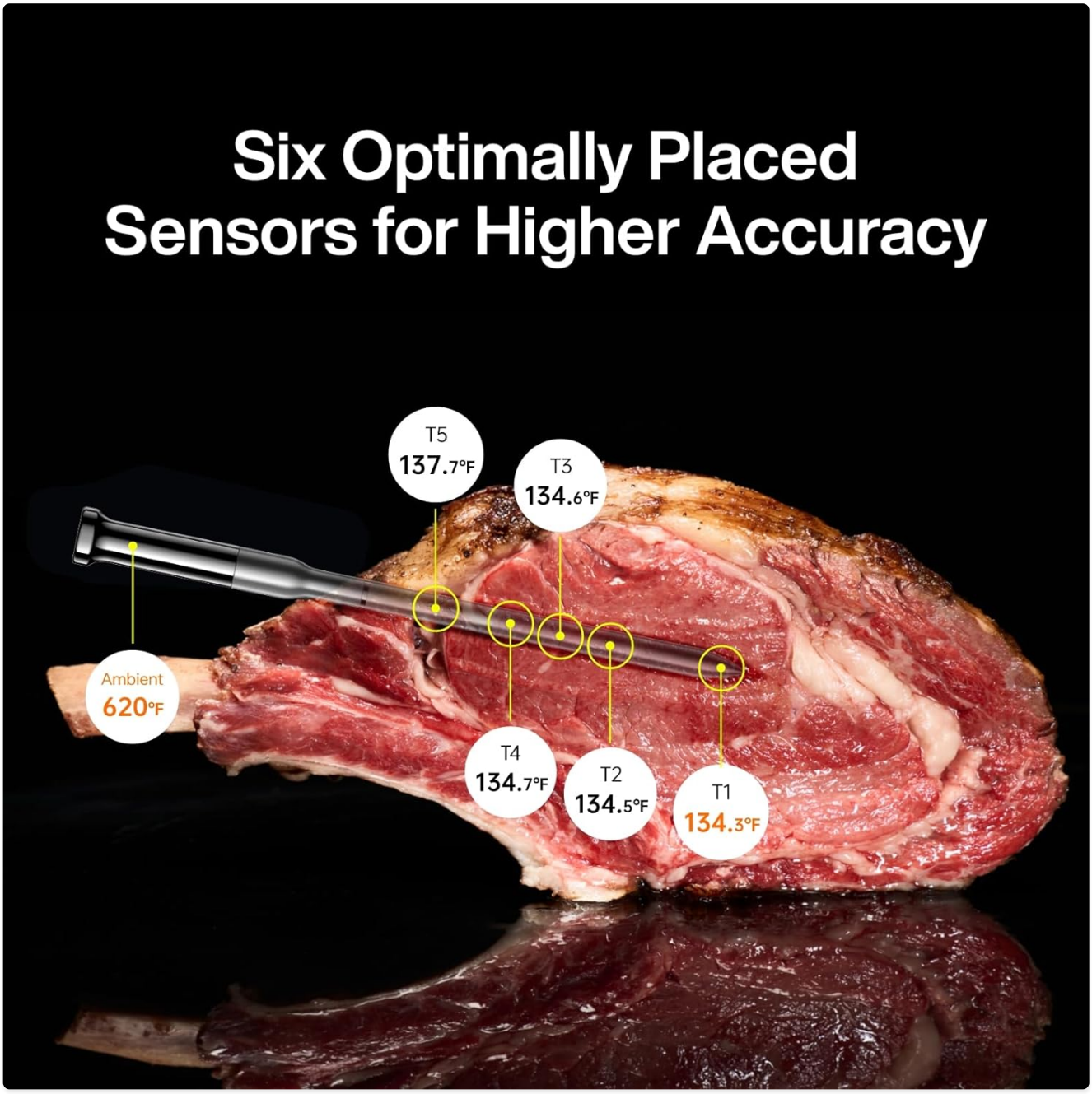


Image: A meat probe inserted into a roast, highlighting the positions of its six internal sensors and one ambient sensor for comprehensive temperature monitoring.

4.2 Setting Up a Cook

You can set up a cook directly from the Sync Gold Device Base or through the Typhur app.

Using the Device Base:

1. **Select Probe:** On the device base display, use the navigation buttons to select the probe you wish to configure.
2. **Set Target Temperature:** Follow the on-screen prompts to set your desired target internal temperature. The device may offer preset options for different types of meat and doneness levels.
3. **Start Cook:** Confirm your settings to begin monitoring. The display will show real-time internal and ambient temperatures.

Using the Typhur App:

1. **Open App:** Launch the Typhur app on your smartphone.
2. **Select Device:** Choose your Sync Gold device from the list of connected devices.

3. **Configure Cook:** Select the probe, meat type, desired doneness, and target temperature. The app provides a wide range of customizable options and cooking guides.
4. **Monitor Progress:** The app will display real-time temperature graphs, estimated cooking times, and send notifications when your food is nearing or has reached its target temperature.

Image: A visual representation of inserting a probe into meat and interacting with the Sync Gold base to initiate a cooking session, emphasizing ease of use.

4.3 Signal Strength and Range

The Sync Gold utilizes Sub-1 GHz technology for robust probe-to-base communication, offering a signal strength significantly stronger than traditional Bluetooth. This allows for reliable monitoring through various barriers such as oven doors, grill lids, and even walls.

Image: An illustration demonstrating the Sub-1 GHz technology's ability to penetrate walls, allowing a user to monitor their grill from inside their home.

4.4 Receiving Alerts

The Sync Gold Device Base will provide audible and visual alerts when your target temperature is reached. If connected to the Typhur app, you will receive push notifications on your smartphone and smartwatch, allowing you to monitor your cook remotely.

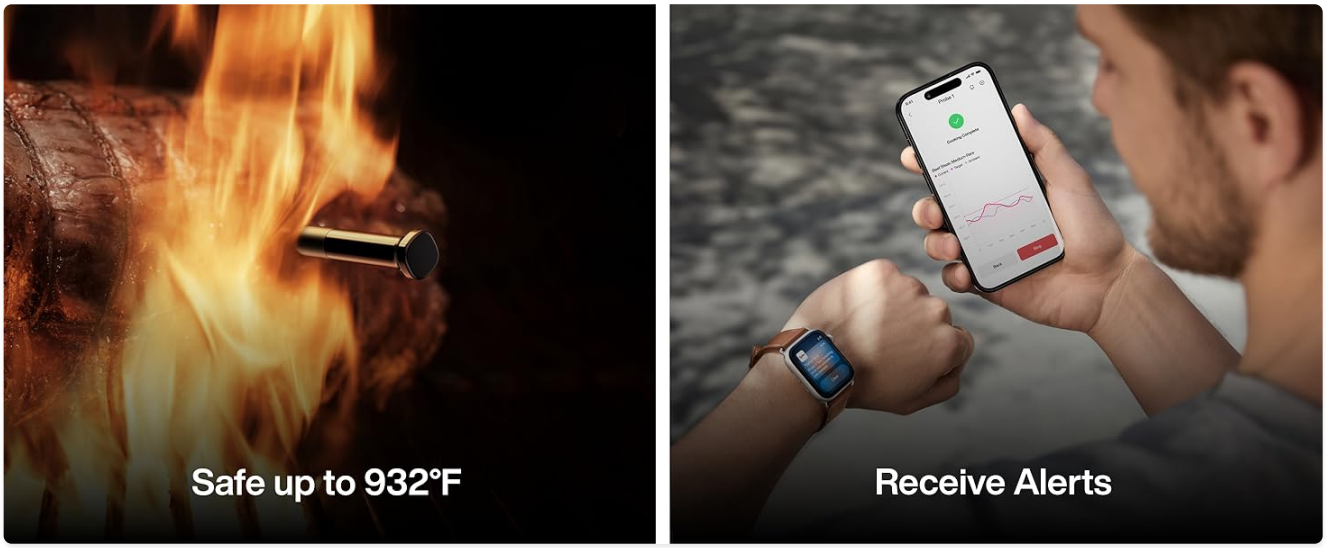


Image: A split image showing a probe safely enduring high heat (up to 932°F) on one side, and a smartphone and smartwatch displaying cooking alerts on the other, emphasizing durability and remote monitoring.

5. Maintenance and Care

5.1 Cleaning the Probes

The meat probes are IPX8 waterproof and designed for easy cleaning. They are dishwasher safe. For manual cleaning, wash the probes with warm, soapy water and a soft sponge. Rinse thoroughly and dry completely before storing.

5.2 Cleaning the Device Base

The Sync Gold Device Base is not waterproof. Wipe the base clean with a soft, damp cloth. Do not submerge the base in water or use abrasive cleaners.

5.3 Storage

Store the probes in the charging slots of the device base when not in use to ensure they are always charged and ready. Store the entire unit in a cool, dry place.

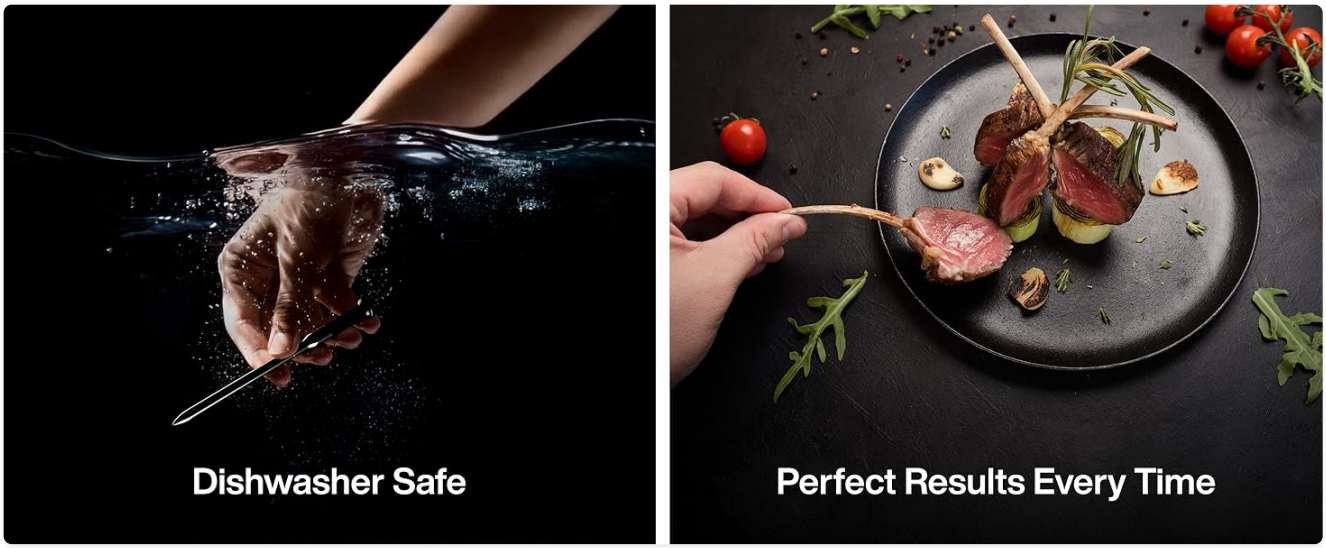


Image: A split image showing a hand cleaning a probe under water, indicating its dishwasher-safe design, and a plate of perfectly cooked lamb chops, representing the desired cooking outcome.

6. Troubleshooting

Issue	Possible Cause	Solution
No display on device base	Low battery or no power.	Ensure 3 C batteries are correctly installed. Connect the device base to a power source using the charging cable.
Probes not connecting to base	Probes out of range, low probe battery, or interference.	Ensure probes are within range of the base. Place probes in the base to charge. Minimize physical obstructions between probes and base.
App not connecting to device base	Wi-Fi issue, app not paired, or app permissions.	Check your home Wi-Fi connection. Ensure the device base is connected to Wi-Fi. Re-pair the device in the app. Check app permissions on your smartphone.
Inaccurate temperature readings	Probe not inserted correctly, probe damage, or calibration issue.	Ensure the probe is inserted into the thickest part of the meat, avoiding bones, with all internal sensors covered. If issues persist, contact customer support.

7. Specifications

Model Number: WT05

Connectivity: Bluetooth, Sub-1G, Wi-Fi

Probe Sensors: 5 internal sensors + 1 ambient tip sensor per probe

Accuracy: ±0.5°F

Response Time: 0.5 seconds

Max Heat Resistance (Probes): Up to 932°F (500°C)

Water Resistance (Probes): IPX8 (Dishwasher Safe)

Display Type: Digital

Power Source: 3 C batteries (included)

Included Components: Typhur Sync Device Base x 1, Meat Probe x 2, Charging Cable x 1, User Manual x 1

Certifications: CE, FCC, NIST, RoHS

8. Warranty and Support

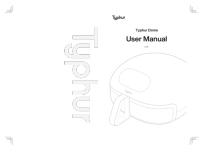
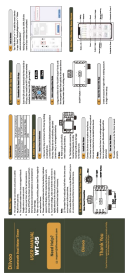
Typhur products are designed for durability and performance. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Typhur website.
For technical support, troubleshooting assistance, or any questions about your Typhur Sync Gold Wireless WiFi Meat Thermometer, please contact Typhur Customer Service:

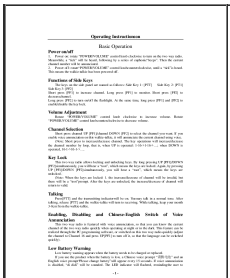
Website: www.typhur.com

Email: support@typhur.com

Please have your model number (WT05) and purchase date ready when contacting support.

Related Documents - WT05

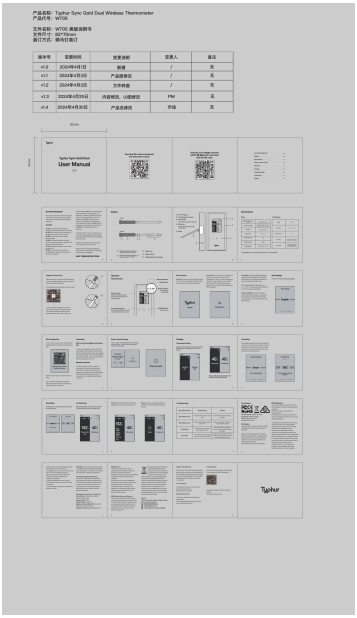
	Typhur Sync Quad Wireless Meat Thermometer User Manual A comprehensive user manual for the Typhur Sync Quad Wireless Meat Thermometer (WT08), detailing its features, operation, safety precautions, connectivity, cooking modes, and troubleshooting.
	Typhur Sync Gold Lite Wireless Thermometer User Manual User manual for the Typhur Sync Gold Lite Wireless Thermometer (Model YS-WT10), covering important safeguards, device operation, specifications, troubleshooting, and support information.
	Typhur Dome Air Fryer User Manual Comprehensive user manual for the Typhur Dome Air Fryer, covering setup, operation, cooking presets, cleaning, troubleshooting, and specifications. Learn how to use your Typhur Dome for optimal results.
	Diivoo WT-05 Bluetooth Dual Water Timer User Manual Comprehensive user manual for the Diivoo WT-05 Bluetooth Dual Water Timer, covering setup, app integration, features, and troubleshooting.
	WOLFANG WT05 Trail Camera User Manual Comprehensive user manual for the WOLFANG WT05 Trail Camera, detailing setup, components, operation, and troubleshooting. Includes warranty information and contact details.



[WT07-US Two Way Radio Operating Instructions]

Operating instructions for the WT07-US two way radio, covering basic operation, key functions, voice annunciation, low battery warnings, and advanced features like VOX and Scrambler/Compandor.

Documents - Typhur – WT05



[pdf] User Manual Instructions Troubleshooting Guide Specifications Warranty Diagram

WT05 v1 4 20240430 User Manual Host Typhur Inc WT1000R 2BEFM 2BEFMWT1000R wt1000r Typhur Sync Gold Dual Wireless Thermometer **WT05 WT05** 82*70mm v1.0 v1.1 v1.2 202441 202443 202443 v1.3 2024425 v1.4 2024430 UI / / / PM 82 mm Typhur Sync Gold Dual User Manual v1.0 Scan the QR code to download the latest user manual Activate your 3-year warranty within 30 ...

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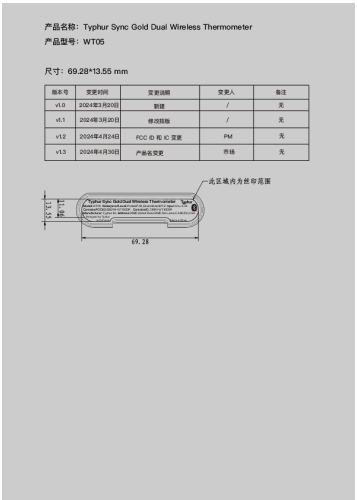

产品名称：Typhur Sync Gold Dual Wireless Thermometer
产品型号：WT05

尺寸：69.28*13.55 mm

版本号	变更时间	变更说明	变更人	备注
v1.0	2024年3月20日	新建	/	无
v1.1	2024年3月20日	修改版面	/	无
v1.2	2024年4月24日	FCC ID 和 IC 变更	PM	无
v1.3	2024年4月30日	产品名变更	市场	无

此区域内为丝印范围

69.28

[pdf] Label

WT05 v1 3 20240430 Product Label and Location Typhur Inc WT1000R 2 4GHz Wi Fi BT IoT Module 2BEFM 2BEFMWT1000R wt1000r

Typhur Sync Gold Dual Wireless Thermometer **WT05** 69.28*13.55 mm v1.0 2024320 v1.1 2024320 v1.2 2024424 v1.3 2024430 FCC ID IC / / PM Typhur Sync Gold Dual Wireless Thermometer Model: **WT05** Waterproof Level: Probe IPX8, Device Base IPX2 Input: 5V--1.4A Contains FCC ID: 2BEF...

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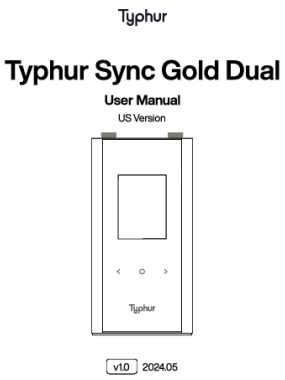

[pdf] User Manual Instructions

Support Center Typhur Sync Gold Dual User Manual 1 v 1732779173 cdn shopify s files 0560 3599 9767 DO NOT use the Probe when cooking at temperatures above 932°F 500°C for 2 minutes place Device Base unit directly on grill cover or close to Support TyphurSupport DualB18x9HF5IKLm media amazon images I B18x9HF5IKL ref dp product quick viewcdn 1732779173cdn to Typhur They will be able to help you diagnose and resolve issue Contains FCC ID 2BEFM WT1000R IC 31884 WT1000RSupport Dualm viewm |||

Typhur Sync Gold Dual User Manual US Version v1.0 2024.05 Scan the QR code to download the lates ... ansmit power less than 20 dBm EIRP. Typhur Inc. hereby declares that the radio equipment type **WT05** is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity ...

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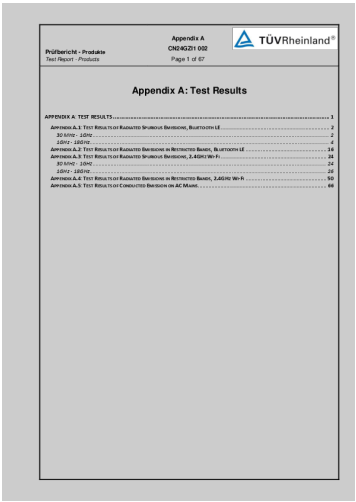

[pdf] Test Report

CN24GZI1 002 ICT Team Appendix RyanGH Yang@tuv Test Report Typhur Inc WT1000R 2 4GHz Wi Fi BT IoT Module 2BEFM 2BEFMWT1000R wt1000r

Prfbericht - Produkte Test Report - Products Appendix A CN24GZI1 002 Page 1 of 67 Appendix A: Test ... Voltage: Remark: Test Standard: Tested By: Reviewed By: Typhur Sync Gold Dual Wireless Thermometer **WT05** BLE 1M_Mid channel 168475465/A003687792-009 Battery Temp 24 Humi:50 FCC 15.247 Kei Zhang Terry...

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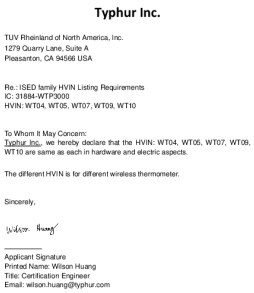
Typhur Inc.

TUV Rheinland of North America, Inc.
1279 Quarry Lane, Suite A
Pleasanton, CA 94566 USA

Re.: ISED family HVIN Listing Requirements
IC: 31884-WTP3000
HVIN: WT04, WT05, WT07, WT09, WT10

To Whom It May Concern:
Typhur Inc., we hereby declare that the HVIN: WT04, WT05, WT07, WT09, WT10 are same as each in hardware and electric aspects.

The different HVIN is for different wireless thermometer.

Sincerely,

Applicant Signature
Printed Name: Wilson Huang
Title: Certification Engineer
Email: wilson.huang@typhur.com

[pdf]

MODEL letterhead MANUFACTURER ESPGZHPC240 Family Certification Info Typhur Inc WTP3000 Wireless Thermometer Probe 2BEFM 2BEFMWTP3000 wtp3000

Typhur Inc. TUV Rheinland of North America, Inc. 1279 Quarry Lane, Suite A Pleasanton, CA 94566 USA Re.: ISED family HVIN Listing Requirements IC: 31884-WTP3000 HVIN: WT04, **WT05**, WT07, WT09, WT10 To Whom It May Concern: Typhur Inc., we hereby declare that the HVIN: WT04, **WT05**, WT07, WT09, WT10 are s...

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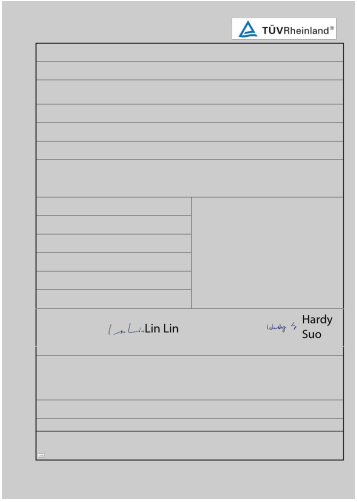

[pdf] Specifications Test Report

Test Report Typhur Inc WT1000R 2 4GHz Wi Fi BT IoT Module 2BEFM 2BEFMWT1000R wt1000r Prfbericht - Produkte Test Report - Products Prfbericht-Nr.: Test report no.: Kunden-Referenz-Nr.: C ... Zanker Road #120, San Jose, California, United States Typhur Sync Gold Dual Wireless Thermometer **WT05** Test Report CFR47 FCC Part 15: Subpart C Section 15.247 RSS-247 Issue 3 August 2023 RSS-Gen I...
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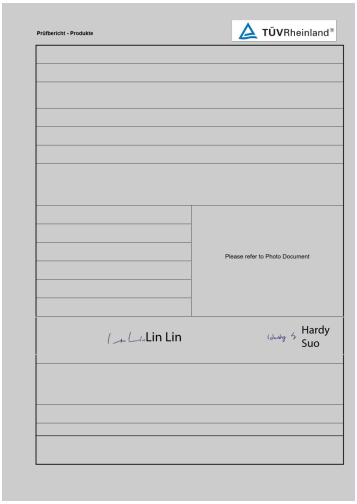

[pdf] Specifications Test Report SAR Rating

RF Exposure Info Typhur Inc WTP3000 Wireless Thermometer Probe 2BEFM 2BEFMWTP3000 wtp3000 Prfbericht - Produkte Test Report - Products Prfbericht-Nr.: Test report no.: Kunden-Referenz-Nr.: C ... Sachverstndige r /Expert Sonstiges / FCC ID: 2BEFM-WTP3000 Other: IC: 31884-WTP3000, HVIN: WT04,**WT05**,WT07,WT09,WT10 Zustand des Prfgegenstandes bei Anlieferung: Condition of the test item at deli...
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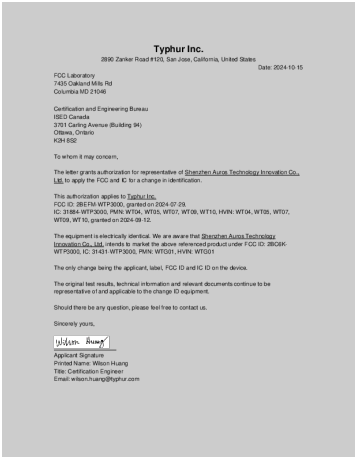

[pdf] Label

Lin Original Applicant Authoriation Shenzhen Auros Technology Innovation Co Ltd WTP3000 2BC6K 2BC6KWTP3000 wtp3000

Typhur Inc. 2890 Zanker Road #120, San Jose, California, United States Date: 2024-10-15 FCC Laborato ... applies to Typhur Inc. FCC ID: 2BEFM-WTP3000, granted on 2024-07-29. IC: 31884-WTP3000, PMN: WT04, **WT05**, WT07, WT09, WT10, HVIN: WT04, **WT05**, WT07, WT09, WT10, granted on 2024-09-12. The equipment is ...
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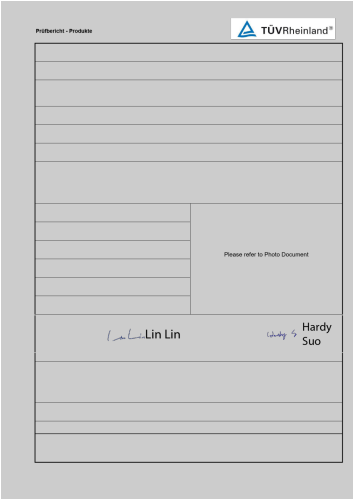

[pdf] Specifications Test Report

Test Report Typhur Inc WTP3000 Wireless Thermometer Probe 2BEFM 2BEFMWTP3000 wtp3000

Prfbericht - Produkte Test Report - Products Prfbericht-Nr.: Test report no.: Kunden-Referenz-Nr.: C ... Sachverstndige r /Expert Sonstiges / FCC ID: 2BEFM-WTP3000 Other: IC: 31884-WTP3000, HVIN: WT04,**WT05**,WT07,WT09,WT10 Zustand des Prfgegenstandes bei Anlieferung: Condition of the test item at deli...

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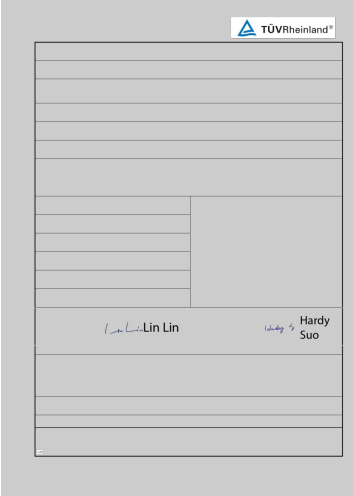

[pdf] Specifications Test Report SAR Rating

SAR Test Report Typhur Inc WT1000R 2 4GHz Wi Fi BT IoT Module 2BEFM 2BEFMWT1000R wt1000r

Prfbericht - Produkte Test Report - Products Prfbericht-Nr.: Test report no.: Kunden-Referenz-Nr.: C ... f 24 Prfgegenstand: Test item: Typhur Sync Gold Dual Wireless Thermometer Bezeichnung / Typ-Nr.: **WT05** Identification / Type no.: Auftrags-Inhalt: Order content: Test Report Prfgrundlage: Test sp...

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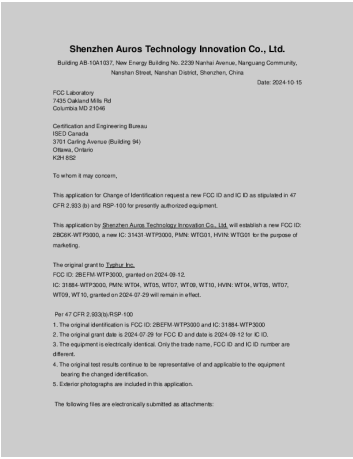
Shenzhen Auros Technology Innovation Co., Ltd.

Building AB-10A1037, New Energy Building No. 2239 Nanhai Avenue, Nanguang Community, Nanshan Street, Nanshan District, Shenzhen, China

Date: 2024-10-15

FCC Laboratory
7435 Oakland Mills Rd
Columbia MD 21046

Certification and Engineering Bureau
ISED Canada
3701 Carling Avenue (Building 94)
Ottawa, Ontario
K2H 8S2

To whom it may concern,

This application for Change of Identification request a new FCC ID and IC ID as stipulated in 47 CFR 2.933 (b) and RSP-100 for presently authorized equipment.

This application by Shenzhen Auros Technology Innovation Co., Ltd. will establish a new FCC ID: 2BC6K-WTP3000, a new IC: 31431-WTP3000, PMN: WTG01, HVIN: WTG01 for the purpose of marketing.

The original grant to Typhur Inc.
FCC ID: 2BEFM-WTP3000, granted on 2024-09-12.
IC: 31884-WTP3000, PMN: WT04, WT05, WT07, WT09, WT10, HVIN: WT04, WT05, WT07, WT09, WT10, granted on 2024-07-29 will remain in effect.

Per 47 CFR 2.933(b)-RSP-100
1. The original identification is FCC ID: 2BEFM-WTP3000 and IC: 31884-WTP3000
2. The original grant date is 2024-07-29 for FCC ID and date is 2024-09-12 for IC ID.
3. The equipment is electrically identical. Only the trade name, FCC ID and IC ID number are different.
4. The original test results continue to be representative of and applicable to the equipment bearing the changed identification.
5. Exterior photographs are included in this application.

The following files are electronically submitted as attachments:

[pdf]

Lin New Grant Request Letter Multiple Listing Shenzhen Auros Technology Innovation Co Ltd WTP3000 2BC6K 2BC6KWTP3000 wtp3000

Shenzhen Auros Technology Innovation Co., Ltd. Building AB-10A1037, New Energy Building No. 2239 Nan ... al grant to Typhur Inc. FCC ID: 2BEFM-WTP3000, granted on 2024-09-12. IC: 31884-WTP3000, PMN: WT04, **WT05**, WT07, WT09, WT10, HVIN: WT04, **WT05**, WT07, WT09, WT10, granted on 2024-07-29 will remain in eff...

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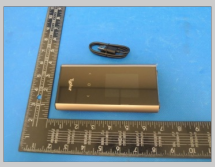
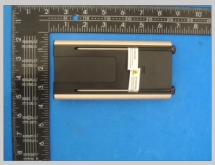


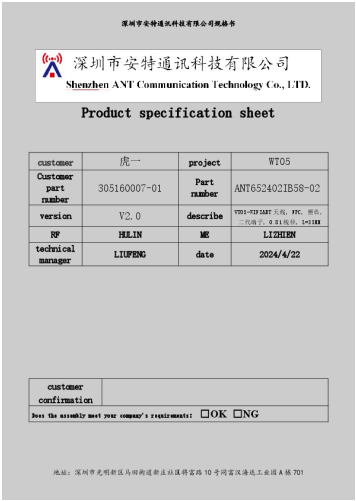


[pdf] Accessories Product Photos

Lin External Photos Host Typhur Inc WT1000R 2BEFM 2BEFMWT1000R wt1000r

Note: The probe is only a **WT05** accessory and is only used to demonstrate the relationship between the probe not certification device and base **WT05**, certification device . ...

lang:en score:17 filesize: 770.49 K page_count: 3 document date: 2024-07-15



深圳市安特通讯科技有限公司规格书

深圳市安特通讯科技有限公司

Shenzhen ANT Communication Technology Co., LTD.

Product specification sheet

customer	虎一	project	WT05
Customer part number	305160007-01	Part number	ANT652402IB58-02
version	V2.0	describe	WT05-WIFI BT 天线，FPC，侧出，二代端子，0.81线径，L=35MM
RF	HULIN	ME	LIZHIEN
technical manager	LIUFENG	date	2024/4/22

customer confirmation	
Does the assembly meet your company's requirements: ☐OK ☐NG	

地址：深圳市光明新区马田街道新庄社区科富路10号同富汉海达工业园A栋701

[pdf] Specifications

liiang Antenna Gain Info Typhur Inc WT1000R 2 4GHz Wi Fi BT IoT Module 2BEFM 2BEFMWT1000R wt1000r

Product specification sheet customer Customer part number version RF technical manager 305160007-01 V2.0 HULIN LIUFENG project **WT05** Part number ANT652402IB58-02 describe ME **WT05**-WIFI BT FPC 0.81 L=35MM LIZHIEN date 2024/4/22 customer confirmation OK NG Does the assembly meet your compa...

lang:it score:15 filesize: 520.08 K page_count: 6 document date: 2024-04-22