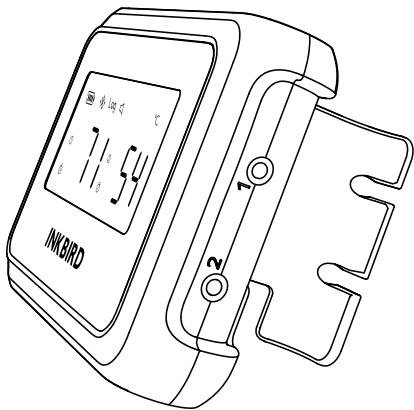# INKBIRD

IDT-22-B

SMART BLUETOOTH FOOD THERMOMETER

Warm tips

- To quickly jump to a specific chapter page, click on the relevant text on the contents page.

- You can also use the thumbnail or document outline in the top left corner to quickly find a specific page.

CONTENTS

Please keep this manual properly for reference. You can also scan the QR code to visit our official website for product usage videos. For any usage issues, please feel free to contact us at **support@inkbird.com.**

Wenn Sie eine Bedienungsanleitung in deutscher Sprache benötigen, scannen Sie bitte den QR-Code und besuchen Sie unsere Website, um sie zu erhalten und ein Video über die Verwendung des Produkts zu sehen.

Se avete bisogno di un manuale di istruzioni in italiano, scansionate il codice QR e visitate il nostro sito web per ottenerlo e vedere un video su come utilizzare il prodotto.

Si vous avez besoin d'un mode d'emploi en français, veuillez scanner le code QR pour visiter notre site officiel afin d'obtenir et de visionner la vidéo d'utilisation du produit !

Als je een Nederlandstalige handleiding nodig hebt, scan dan de QR-code om naar onze officiële website te gaan en bekijk de video over het gebruik van het product!

Si necesita el manual de instrucciones en español, escanee el código QR para ir a nuestro sitio web oficial y ver el vídeo sobre cómo utilizar el producto.

01 Overview

INKBIRD IDT-22-B is a smart Bluetooth 5.4 food thermometer with probe winder and table stand functions and can be used for both barbecue and home cooking. It accurately detects food temperatures, supports setting food temperatures and doneness via a smartphone application, which allows you to remotely monitor food temperature changes, and supports temperature alarms to ensure good cooking results and safety. It can help you easily control the cooking situation of food, and ensure health and safety while enjoying delicious food.

## 02 Technical Specifications

Brand	INKBIRD
Model Number	IDT-22-B
Bluetooth Version	BLE 5.4
Bluetooth Connection Distance	330ft/100m (farthest distance in an open area)
Screen Type	High Definition Backlit LCD

Screen Size	58*28mm
Probe Ports	2 Ports
Probe Port Size	φ2.5mm
Probe Sensor Type	NTC
Probe Measurement Accuracy	±1℃/±1.8℉ (highest accuracy)
Probe Measurement Range	0~300℃/32~572℉ (short-time measurement) 0~250℃/32~482℉ (continuous monitoring)
Probe Cord Length	1.2m/3.9ft
Temperature Calibration Range	±7℃ (±12℉)
Temperature Refresh Time	＜1s
Powered By	500mAh lithium battery
Product Size	92*64*23mm
Product Weight	92g
Package Contents	Device*1 (IDT-22-B) Probes*2 Probe Clamp*1 Charging Cable*1 User Manual*1
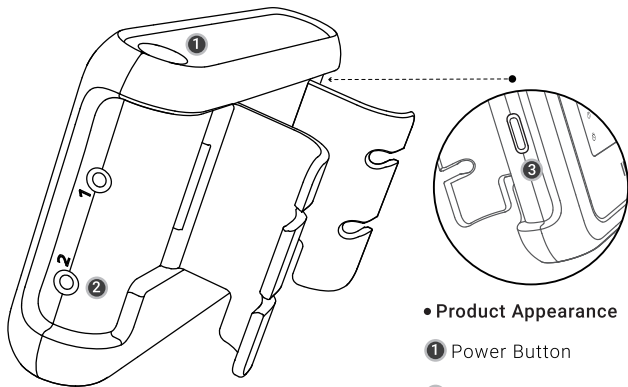
• **Product Appearance**

1 Power Button

2 Probe Ports*2

3 Type-C Charging Port
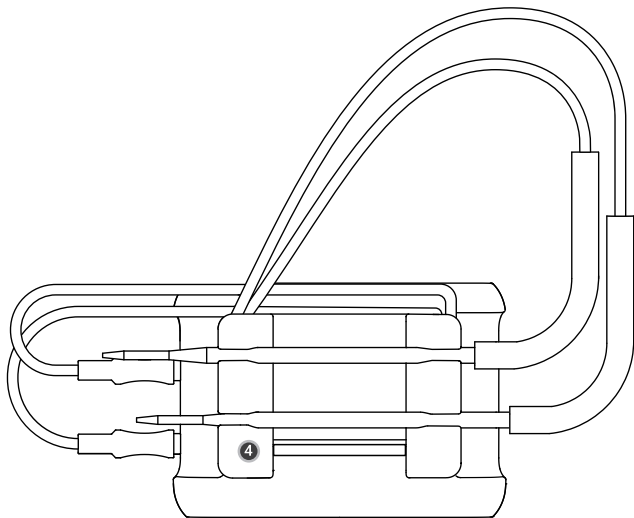
④ Foldable Winder Stand
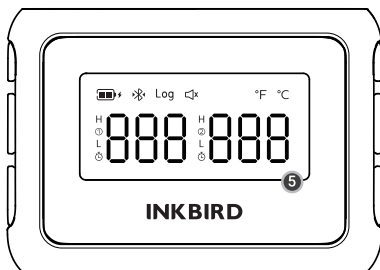
❺ HD Backlit LCD

• **Screen Display Information**

🔋	Device battery level.
🔋⚡	Device is charging.
🔋 Flashing	Device battery is low, please charge it as soon as possible.
⁂ Flashing	Bluetooth is pairing.
⁑ Always on	Bluetooth is connected.

⁂ Disappear	Bluetooth is disconnected.
Log	Temperatures are being recorded.
⊿×	Silent mode.
⊿	Alarm mode.
°F / °C	Temperature unit currently displayed.
① / ②	Probe number.
H Flashing	The current temperature is detected to reach the preset point, and a warning is triggered.
L Flashing	The current temperature is detected to drop below the preset point, and a warning is triggered.
−H− Flashing	The current temperature is detected to exceed 300℃, and a warning is triggered.
−L− Flashing	The current temperature is below 0℃.
⏲	Set a timer.
⏲ Flashing	The timer has reached its limit and is alarming.

04 Operation Button Definitions

Power ON/OFF: Press and hold for 3 seconds to power on or off. Press and hold for 30 seconds to force reset the device.

Backlight: Press once to turn the backlight on or off.

Alarm: When the device is sounding an alarm, press it to stop the alarm.

Bluetooth Connection: When Bluetooth requests pairing, press it once to complete the pairing and establish a connection.

05 Battery Details & Precautions

- **Battery Details**

1. The INKBIRD IDT-22-B has a built-in 500mAh lithium battery. In the Bluetooth mode, the low-power-consumption battery can last up to 45 hours.

2. If the battery power is insufficient, please charge it with the provided USB charging cable. It can be fully charged within about 2 hours.

3. Please kindly understand that the backlight and high temperature measurement will increase power consumption and affect the battery life.

4.After turning on the device, if no probe is inserted and no button is pressed within 5 minutes, the device will automatically enter sleep mode.

5.If the battery power is too low, the temperature measurement results may be incorrect, the screen backlight and alarm sound may be deactivated, and the device may be disconnected from the smartphone app. Please charge the device immediately.

- **Precautions For Use**

1.Please do not disassemble this product or replace the internal battery by yourself.

2.Please do not place the product on any hot surface such as hot stoves, ovens, and smokers as this may cause damage to the product and even personal injury.

3.Please do not clean this product with running water or place it in a dishwasher or water sink to avoid battery damage.

4.Please do not use or store this product in extreme weather or in high humidity environments to avoid shortening the battery lifespan or damaging the battery.

5.Please do not use a non 5V 1A charging cable to charge this product to avoid damage to the device or charging failure.

6.If you are not going to use this product for an extended period of time, please charge the battery to approximately 50% of its capacity to prevent the battery from entering a deep discharge state and causing charging failure. Also, please do not fully charge the battery before storing this product as this will shorten the battery lifespan or reduce its capacity.

06 Operation Instructions

Before using the IDT-22-B Bluetooth Smart Food Thermometer, please make sure that the battery has sufficient power and that you have read the Important Safety Information mentioned in this manual.

1.When cleaning the stainless steel temperature probes provided, avoid immersing the probes and probe cables in water or cleaning them with corrosive detergents, as this may cause damage.

2.Prepare a smartphone running iOS12 (or later) or Android 7.1 (or later) to download the INKBIRD app and complete the connection (referring to the section 7 App Installation & Connection).

3.Please successively insert each cleaned probe into the probe ports and the corresponding display area for each probe on the screen will

show the real-time temperatures.

4.Open the INKBIRD app and set the parameters for the food that needs to be cooked.

5.Insert the probe into the middle of the meat, avoiding any bones or cartilage. Take care not to tangle the probe cable and ensure that the probe is not exposed to fire. During cooking, fix the probe with the provided clamp for stable and reliable measurement results.

6.If you are going to use an oven, please place the thermometer outside the oven and leave it on a flat surface that is not metal and not hot. Take care to reserve enough length so as not to pull out of the probe from the meat or from the thermometer when closing the oven door.

7.When the meat's internal temperature reaches the preset point, the thermometer will sound an alarm and the INKBIRD app will send an alarm notification. To turn off the alarm, you can press the power button on the food thermometer once or cancel it through the app. The alarm will continue until it is manually stopped.

Note: After cooking, please do not immediately touch the hot probe or probe cable. If necessary, please wear heat-insulated gloves or use a tool to prevent burns.

7.1 INKBIRD APP

Search the INKBIRD App from Google Play or App Store to get it for free, or you can scan the QR code to download it directly.

NOTE:

1.Your iOS devices must be running iOS 12.0 or above to download the app smoothly.

2.Your android devices must be running android 7.1 or above to download the app smoothly.

3.APP Location Permission Requirement: We need to obtain your location information to discover and add nearby devices. INKBIRD promises to keep your location information strictly confidential. And your location information will only be used for the location function of the App and will not be collected, used, or disclosed to any third party. Your privacy is very important to us. We will abide by relevant laws and regulations and take reasonable security measures to protect your information security.

7.2 Registration

Step1: Registering an account is necessary before using the INKBIRD app for the first time.

Step2: Open the app, select your Country/Region, and a verification code will be sent to you.

Step3: Enter the verification code to confirm your identity, and the registration is complete.

7.3 How to Connect

Open the INKBIRD app and click "+" on the top right corner to add a device. Then, follow the app instructions to complete the connection. Make sure that the device is placed as close as possible to the smartphone during the connection process.

08 *Cleaning and Maintenance*

1.Please store this product in a cool, dry place. Do not store it in direct sunlight, not in an environment with high temperatures, low tempera-tures below 0℃, or high humidity to prevent product damage, property loss or personal injury.

2.When cleaning the probe, do not immerse it in water or put it in a

dishwasher, and do not use corrosive detergents. Instead, use running water to wash it and wipe it dry before storing it. Additionally, keep the product away from children to prevent injury due to the sharp probe.

3.If you are not going to use this product for an extended period of time, please charge the battery to approximately 50% of its capacity to prevent the battery from entering a deep discharge state and causing charging failure.

4.This product is not waterproof. Use a slightly damp cloth to clean the thermometer when necessary and prevent water from seeping into it and causing damage.

09 Important Notes/Warnings

1.This product is designed solely for use as a food thermometer. It is not recommended for any other purposes.

2.Please do disassemble the product or replace the internal battery by yourself.

3.Please do not use this product in high humidity environments such as bathrooms or gardens. Keep it away from direct sunlight, fire sources, and heat sources.

4.Please do not use the probe in cooking environments above 300℃

(572°F) or below 0℃ (32°F), not expose it directly to flame or burning wood charcoal, as this may damage the probe and probe cable.

5.During or at the end of cooking, please do not touch the overheated probe or probe cable with bare hands. If necessary, wear heat-insulated gloves to avoid burns.

10 *Troubleshooting Guide*

Issue	Possible Solutions
Why Cannot Connect Bluetooth?	**1.**Make sure that your smartphone or tablet is running iOS12 / Android 7.1 or later. **2.**Make sure that you have Bluetooth enabled on your smartphone or tablet and that the thermometer's battery has sufficient power. **3.**Make sure that the positioning function is enabled on your smartphone or tablet and that the application is authorized to access location information. **4.**Place your smartphone or tablet as close to the thermometer as possible, avoiding any metal or obstructions.

Issue	Possible Solutions
Why Cannot Connect Bluetooth?	**5.**Make sure that the thermometer is disconnected from any other smartphones and that the Bluetooth function is disabled on those smartphones. **6.**Restart the thermometer, open the INKBIRD app, and repeat the connection steps. **7.**Turn off any other Bluetooth devices or disable their Bluetooth functions within the connection range. If the issue persists after the above steps, please contact our after-sales team.
Why Is The Probe Reading Incorrect?	**1.**You can calibrate the temperature to what you believe is correct through the application. **2.**Check that the probe and its cable are intact and not tangled. **3.**Check if the current temperature exceeds or has once exceeded the probe measurement range, which caused damage.

Issue	Possible Solutions
Why Is The Probe Reading Incorrect?	**4.**Check if water seeped into the probe or device. Wipe it dry and use a hair dryer to air dry the whole unit, then see if it can read temperature correctly. **5.**Do not immerse the probe in water during use or cleaning. If necessary, please purchase a replacement.
Why Cannot Charge The Device?	**1.**Please use the provided charging cable to charge the device. **2.**If you need to use another cable, make sure it is a 5V 1A Type-C charging cable. **3.**This product does not support fast charging.

11 *FCC Requirement*

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not

occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be

determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth

for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

12 IC Warning

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2)This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux

CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1)L'appareil ne doit pas produire de brouillage;

2)L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

13 Customer Service

This item carries a 1-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of INKBIRD, be either repaired or replaced without charge. For any problems in use, please feel free to contact us at **support@inkbird.com**. We will do our best to help you.

Shenzhen Inkbird Technology Co.,Ltd.

support@inkbird.com

Consignor: Shenzhen Inkbird Technology Co., Ltd.
Office Address: Room 1803, Guowei Building, No.68 Guowei Road,
Xianhu Community, Liantang, Luohu District, Shenzhen, China

Manufacturer: Shenzhen Inkbird Technology Co., Ltd.
Factory Address: 6th Floor, Building 713, Pengji Liantang Industrial
Area, No.2 Pengxing Road, Luohu District, Shenzhen, China

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DESIGNED BY INKBIRD