

INKBIRD



ISV-301-BW

Sous Vide Machine



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.

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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**.



01 Overview

When sous-vide cooking, to preserve the food nutrient content to the greatest extent and reduce the loss of moisture and flavor, we need to place the vacuum-sealed food in a thermostatic water bath for a period. But different food requires different temperatures and cooking times. INKBIRD ISV-301-BW features functions of water circulation, heating rod, and timer and it can precisely and evenly control the water temperature and cooking time as you want, meeting the different cooking requirements of various food.



02 Technical Specifications

Input Power	Rated Voltage(USA): 110-120V
	Rated Voltage(EU/UK/AU): 200-240V
	Rated Frequency: 50-60Hz
Heating Power	1000W
Temperature Control Range	0-90°C/32-194°F
Display Accuracy	0.1°C/1°F
Temperature Control Accuracy	0.1°C/0.3°F
Time Setting Range Accuracy	max 99 hours and 59 minutes
Minimum interval of time setting	1 minute
Waterproof Rating	IPX7
Warranty	1 year

Wi-Fi Band:2.4GHz&5GHz(Support IEEE802.11b/g/n)

Bluetooth:BluetoothBLE5.0

Maximum Bluetooth Connection Distance:164 ft (the distance will be shorter if there are interference)

Smart Reminder

Relevant sound notification when the target temperature is reached/cooking is complete

Water Shortage Protection

When the water level is lower than the minimum water line, it will stop working and remind you with a sound alarm

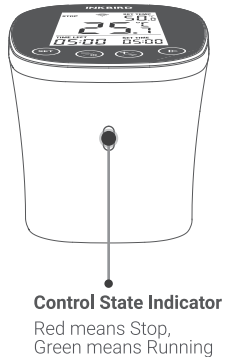
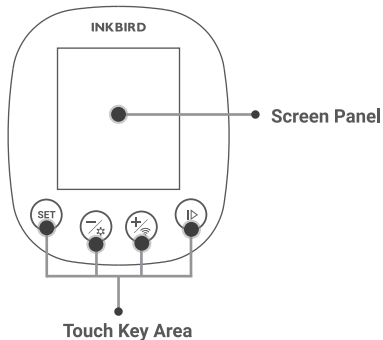
Temperature Probe Malfunction Protection

When the temperature probe gets out of order, it will stop working and remind you with a sound alarm



03 Product Introduction

3.1 Product Appearance



● 3.2 Screen Display Panel

① WiFi and Bluetooth states:

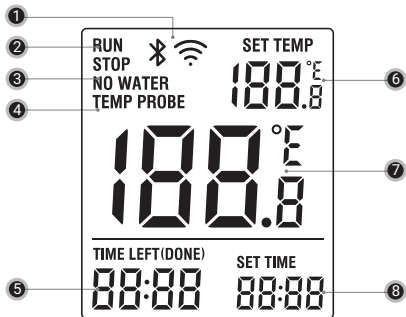
When the WiFi icon flashes, the device is in the network pairing state, When the WiFi icon disappears, the device is disconnected from the network; When the WiFi icon stays on, the device is connected to the network. When the Bluetooth icon disappears, the device Bluetooth is not connected; When the Bluetooth icon stays on, the device Bluetooth is connected.

② Current Cooking Running State

③ Water shortage alarm

④ Abnormal temperature probe alarm

⑤ Cooking Remaining Time



⑥ Cooking Target Temperature you set

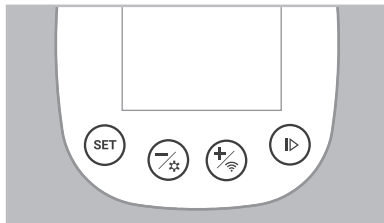
⑦ Current Temperature

⑧ Cooking Control Time you set



04 Key Definitions

-  • Shortly press it to activate the temperature/time setting mode and select a relevant setting parameter.
- Press and hold it for 3 seconds to save the setting and quit.
-  • Press to start/stop. The upper left corner of the LCD will show the current working state.
-  • Shortly press it to decrease the parameter when setting temperature and time.
- Press and hold it for three seconds to enter settings to change the temperature unit and calibrate the temperature probe.
- Long pressing can quickly decrease the parameter when setting temperature and time.



-  • Shortly press it to increase the parameter when setting temperature and time.
- Press and hold for five seconds to reset WiFi. When the WiFi icon rapidly flashes on the LCD, it means the reset is successful.
- Long pressing can quickly increase the parameter when setting temperature and time.



05 APP Installation & Connection

● 5.1 INKBIRD APP



Search for the INKBIRD app from Google Play or App Store to get it for free, or you can scan the QR code below 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. The device supports both 2.4GHz and 5GHz Wi-Fi routers.

5.2 Registration

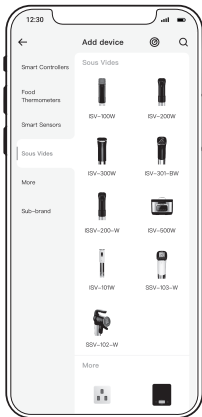
Step1: Registering an account is necessary before using the INKBIRD app for the first time.

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

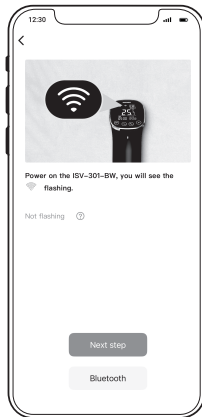
Step3: Enter the verification code to confirm your identity, and the registration is complete.

5.3 How to Connect

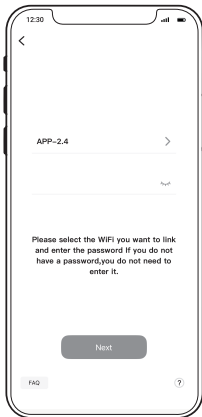
Open the INKBIRD app and Click “+” on the top right corner to add a device. Then, follow the app instructions to complete the connection. Be careful to put the device as close as possible to the smartphone and router during the connection process.



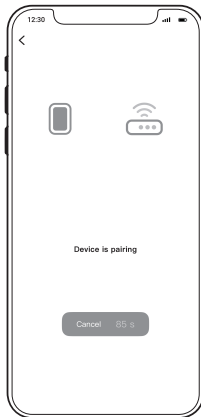
5.3.1 Open the app, click “+” and select the **ISV-301-BW** to start the connection.



5.3.2 Select the relevant WiFi icon state and click Next Step.



5.3.3 Select a WiFi network to connect, enter the password, and click Next Step.



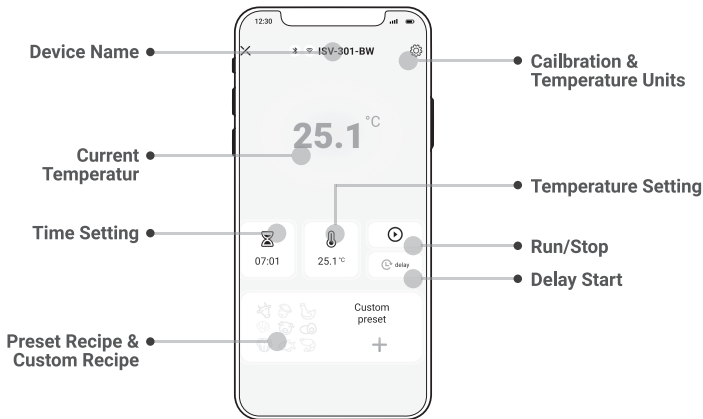
5.3.4 The phone will enter automatic pairing.



5.3.5 The pairing is successful.

NOTE: If the pairing fails, unplug the device, restart it again, and repeat the above steps to complete the connection.

5.4 Operation Interface on INKBIRD App



5.5 Bluetooth Connection

Once the device has connected to the app via WiFi, users can activate the Bluetooth function through the app. If no WiFi network is available, the device will automatically connect via Bluetooth instead. Users can also choose to add the device via Bluetooth in order to use it with a Bluetooth connection

NOTE: Please turn on the GPS on your Android phone, as Google Play requires it to work properly. Once the device has been successfully paired with your phone, you won't need to pair it again unless you change phones.



06 Important Notes/Warnings

- The stainless steel part of the machine gets hot when in use. If you need to move it, disconnect the power, wait for it to cool down, and then hold the plastic part to move it.
- Please disconnect the power when not in use or before cleaning.
- DO NOT USE DEIONIZED WATER (DI water).

When using electrical appliances, basic safety precautions should always be followed including the following:

- 1.Read all instructions.
- 2.Do not touch hot surfaces. Use handles or knobs.
- 3.To protect against electrical shock, do not immerse cord, plugs or (state specific part or parts in question) in water or other liquid.
- 4.Close supervision is necessary when any appliance is used by or near children.
- 5.Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts.
- 6.Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions, or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.

- 7.The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.
- 8.Do not use outdoors(this item may be omitted if the product is specifically intended for outdoor use).
- 9.Do not let cord hang over edge of table or counter, or touch hot surfaces.
- 10.Do not place on or near a hot gas or electric burner, or in a heated oven.
- 11.Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.
- 12.Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
- 13.Do not use appliance for other than intended use.
- 14.Save these Instructions.
-  **a)**A short power-supply cord (or detachable power-supply cord) is provided to reduce the risk) resulting from becoming entangled in or tripping over a longer cord.
-  **b)**Longer detachable power-supply cords or extension cords are available and may be used if care is exercised in their use.
-  **c)**If a longer detachable power-supply cord or extension cord is used:
- 1)The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.

- 2)The cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally; and
- 3)If the appliance is of the grounded type,the cord set or extension cord should be a grounding-type 3-wire cord.

⚠ WARNING: Risk of Electric Shock Connect Only to a Grounding Type Receptacle Protected by a Ground-Fault Circuit-interrupter(GFCI).



07 Troubleshooting Guide

ISSUES	POSSIBLE SOLUTIONS
Unable to Start the Machine	a)Check whether it is in a state of water shortage. b)Check whether there is a probe alert notification. c)If it still does not work, contact customer service.
Cannot connect to WiFi.	1. Make sure that your smartphone is Bluetooth enabled and connected to the device via Bluetooth.Then, followthe app's instructions to establish a WiFi connection. 2.Please ensure that the router can transmit 2.4GHz WiFi or 5Ghz WiFi signal, and the mobile phone remains connected to the WiFi that can access the Internet.

ISSUES	POSSIBLE SOLUTIONS
Cannot connect to WiFi.	3. There is no limit on the number of connected devices to the router. If you are not sure whether the upper limit has been reached, please turn off 2-3 WIFI devices. Router settings are as follows: (1) Wireless protocol: 802.11 b/g/n, but cannot be set to 1 in only. (2) Security mode: WPA/WPA2 (3) Authentication type: AES Enable DHCP service No VPN service. 4. Check that you have entered the correct WiFi name and password. 5. During the connection process, please keep the device, router and smartphone as close to each other as possible. If it still does not work, please contact customer service.
Can't connect to Bluetooth	1. Turn on the Bluetooth and location permissions of the phone and make sure that the permissions of app in the phone settings are all agreed. 2. The phone is not connected to other Bluetooth devices. 3. Clear the Bluetooth cache if possible. If it still does not work, please contact customer service.



08 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.



09 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.



10 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.

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V1.0

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DESIGNED BY INKBIRD