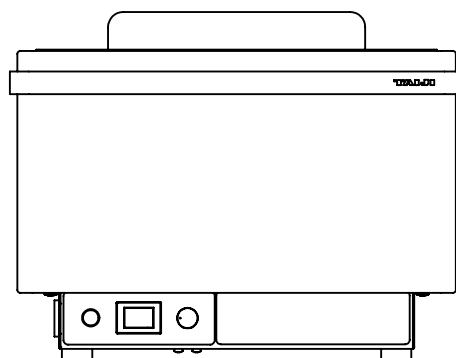


Operating Instructions

TAIJI Sake Warmer

HS-03

Thank you very much
for purchasing the TAIJI Sake Warmer.
Please carefully read and
fully understand this instruction manual
before using the product for safe
and proper operation.



- This manual mainly describes the functions of the product, part names, operation, safety precautions, specifications, and after-sale service.
- If you do not follow the safety precautions described in this manual, accidents causing injury or death may occur. Also, do not use the product in a manner other than instructed in this manual. Please use with caution.

Table of Contents

■ Precautions for Safety Use.....	1-3	■ Check and Preparations before Use...	4
■ Application.....	3	■ Operation.....	5
■ How it Works	3	■ After Use	7
■ About the Heater	3	■ After-sale Service	8
■ Names of Parts.....	4	■ Circuit Diagram.....	8
		■ Specifications	8

TAIJI & CO., LTD.

Sales and Marketing, International Sales Division:



8-2 Okawa-cho, Kawasaki-ku, Kawasaki-shi 210-0858, Japan +81-44-329-6338

Email: overseas@taiji.co.jp website: <http://www.taiji.co.jp/e>







タイジ株式会社

Precautions for Safety Use

- Please read these "Precautions for Safety Use" carefully to use the product properly.
- The precautions listed here are for using this product safely and properly, and preventing damage or injury to yourself or other people. The precautions are classified into "Warning" and "Caution" according to the degree of damage or injury that can be caused in cases where you do not follow the relevant precaution item. All of them are important. Be sure to follow them.
- After reading these precautions, keep this manual in a place you can always access.





Symbols	
 Warning	This symbol indicates that serious injury or death may occur.
 Caution	This symbol indicates injury or damage to property may occur.








The following symbols indicate the type of action to be taken.

	The  symbol indicates warning or caution. The graphic in the triangle indicates a specific risk (the example on the left indicates a risk of electric shock).
	The  symbol with a diagonal line indicates a prohibited action. The graphic in or near the circle indicates the specific content (the example on the left indicates prohibition of disassembly).
	The  symbol indicates instructions that should be followed by all means. The graphic in the circle indicates the specific content (the example on the left shows how to connect the ground).

Warning






If the user does not follow instructions (1) through (11) below and uses the product improperly, there is a possibility of serious injury or even death to the user.







 Warning for installation	(1) Install the product on a flat and steady surface. Otherwise it may fall.
 Disassembly prohibited	(2) Never disassemble, tamper or attempt to repair the product. Doing so may cause malfunction. Disassembly, repair or modification must be performed only by a qualified service personnel.
 Connect the ground	(3) Be sure to connect the ground. - If the outlet is not equipped with a grounding terminal, have it installed by your dealer or an electronics store. If grounding is not secure, electric shock may occur. - Do not connect the grounding line to a gas or water pipe.
 Do not allow water onto the product	(4) Do not allow water onto the product or immerse it in water. Doing so can cause a short-circuit or electric shock.

 Check and clean	(5) Periodically check that there is no dust on the power plug blade or the blade-mounted surface. Fully insert the blade into the outlet, eliminating any loosening. If dust is attached or the connection is not secure, electric shock or fire may result.
 Prohibition	(6) Avoid damaging the power cord. Do not place any object on the cord. Do not pull, bundle, or tamper with the cord. Doing so can damage the power cord, causing an electric shock or fire. Keep the power cord away from any heat sources.
 Outdoor use prohibited	(7) Do not use the product outdoors. If the product is exposed to rain, electrical leakage or shock may occur.
 Do not leave product derelict	(8) Contact a disposal service provider, municipal government office or your dealer for proper disposal of the product (some may be a pay service).
 Do not use multiple-connector	(9) Connect the power cord to dedicated wall outlet. Do not use a multiple-connector. Otherwise, abnormal heating or fire can be caused.
 Prohibition	(10) Do not bend the power plug blade intentionally to prevent the blade from coming off. Doing so can cause a loose connection, resulting in a fire.
 Prohibition	(11) Do not allow a child to use the product alone. Keep children away from the product. Otherwise, electric shock or injury may occur.

Caution

If the user does not follow instructions (1) through (11) below and uses the product improperly, there is a possibility of injury to the user or damage to property.

 Hold the plug	(1) When removing the power plug, always hold the plug itself and not the cord. Pulling by the cord can damage it, causing electric shock or short-circuit, resulting in ignition.
 Wet hands prohibited	(2) Do not touch or operate the power plug, power switch, or other electrical parts with wet hands. Doing so can cause electric shock.
 Caution	(3) Be careful not to drop or apply strong force to the product. Doing so can cause failure or fire.
 Caution	(4) Discard the plastic bag used for packaging the product immediately after unpacking. Do not leave it within the reach of a child, to avoid suffocation.
 Heating an empty tub is prohibited	(5) Do not heat an empty tub. Doing so can cause a deformation of the product resulting in a failure.

 Be careful of high temperatures	(6) The product and water inside remain hot during use and for a while after use. During that time, do not touch the product or the water with your hand. Otherwise, a burn may result.
 Hold and remove the plug	(7) When you are not using the product for one day or longer, turn the power switch to "OFF" and remove the power plug from the outlet.
 Caution	(8) If any unusual smells should be noticed during use of the product, immediately turn the power switch to "OFF", remove the power plug from the outlet, and contact our service department without doing anything.
 Caution	(9) In case of lightning, the product may be damaged owing to abnormal current or voltage generated by a direct lightning stroke or induced lightning and applied via power wires. If thunder begins to sound, remove the power plug from the outlet.
 Caution	(10) Do not heat anything other than water. Doing so can cause corrosion of the heater or tub, resulting in a failure.
 Caution	(11) Do not overheat sake. Otherwise, not only will the sake flavor will be lost, but also the sake can boil and you can be burned.

Application

This product is a sake warmer to be used for heating sake by putting Tokkuri (sake server bottles) into a tub with water/hot water, and is designed for indoor use only. Do not use it for any other purpose.

How it Works

This product is equipped with a heater to warm the water in the tub. The water warmed by the heater indirectly warms the Tokkuri in the tub. The temperature of the water in the tub can be adjusted by using the temperature adjustment knob.

About the Heater

This product incorporates the PTC heater. The PTC heater uses a "ceramic semiconductor" as the heating element, and if the heater itself changes to a state in which it is heated without water, the current will automatically be restricted so that the heater temperature does not exceed a certain level. However, heating an empty tub subjects the heater, tub, and drain board to high temperatures, which is very dangerous. Also, repeatedly heating an empty tub can cause failure. Never allow the tub to be heated while empty.

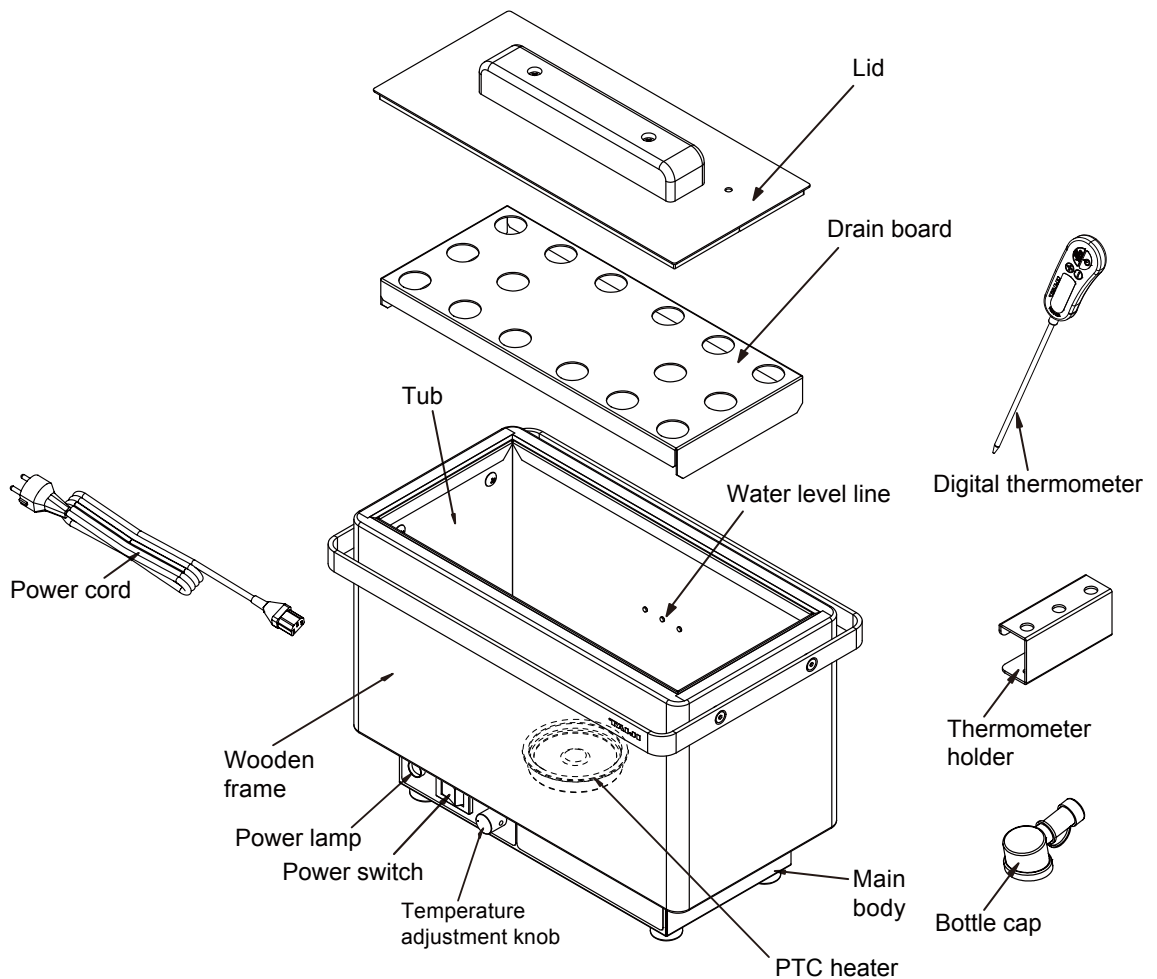
When using the product, be sure to use the drain board so that objects do not contact the heater.



Caution

Do not apply a strong force to the heater, do not scratch it with a sharp object, and do not damage it in any way. Doing so can cause failure resulting in a serious accident.

Names of Parts



Check and Preparation before Use

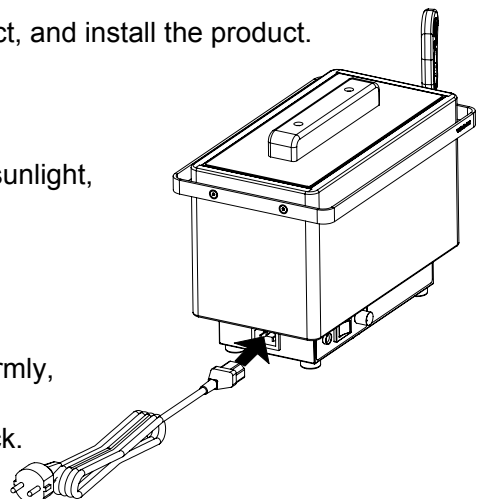
1. Take the product out of the container box, and confirm that all accessories and the instruction manual are provided.
2. Remove the plastic bag used for packaging the product, and install the product.

Installation location

- Flat and steady surface
- Well-ventilated location
- Location not affected by heat, i.e., away from direct sunlight, gas cookers, cooking range, and other heat sources (at least 50 cm away from any heat source).
- Avoid high-humidity areas and locations near water.

3. Connect the power cord.

Connect the power cord to the main unit deeply and firmly, and insert the power plug into the outlet. Be sure to connect the ground to prevent electric shock.

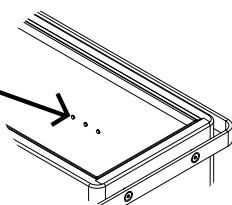


Operation

Make sure that there are no water droplets on the exterior of the product, and that the product is dry. If there are water droplets, wipe them off with a dry cloth and dry the product.

1. Check that the power switch is "OFF".
2. Check that the temperature adjustment knob is in the "0" position.
3. Check that no foreign object is in the tub and place the drain board in the tub.
Pour water/hot water into the tub up to the water level line indicated inside (approx. 2.5 liter).

2.5 liter (approx.)
water level line



Warning

Do not pour in too much water. Doing so can cause overflow of water, resulting in a fire or electric shock.

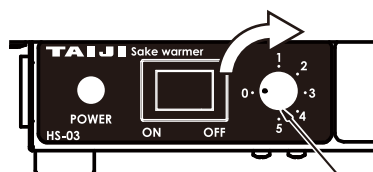


Warning

Never heat an empty tub.
Doing so can cause a failure.

This water level line is a guide for placing three two-go-sized Tokkuri ("go" is a Japanese unit of measurement; one go is equal to 180 ml). Adjust the amount of water depending on the size and number of Tokkuri to be used. Be sure to follow the warnings and cautions described in this manual.

4. Close the lid and turn the power switch to "ON". The power lamp (green) will light up.
5. Adjust the temperature adjustment knob. You can check the actual water temperature by using the included digital thermometer. The thermometer can be easily used by being fixed to and inserted into the hole in the lid.

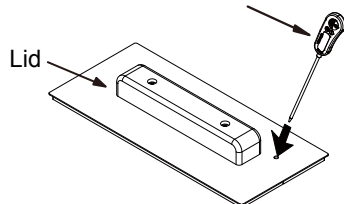


Rough indication of water temperature by the position of the temperature adjustment knob

1	-30°C	-86°F
2	30-45°C	86-113°F
3	60-70°C	140-158°F
4	70-80°C	158-176°F
5	90-95°C	194-203°F

Digital thermometer

Temperature
adjustment knob



Sake's various serving temperatures

人肌燗	"Hito-Hada-kan"(Body Temperature)	35-40°C(95-104°F)
ぬる燗	"Nuru-kan"(Lukewarmed)	40-45°C(104-113°F)
上燗	"Jou-kan"(Moderately Warmed)	45-50°C(113-122°F)
熱燗	"Atsu-kan"(Warmed)	50-55°C(122-131°F)

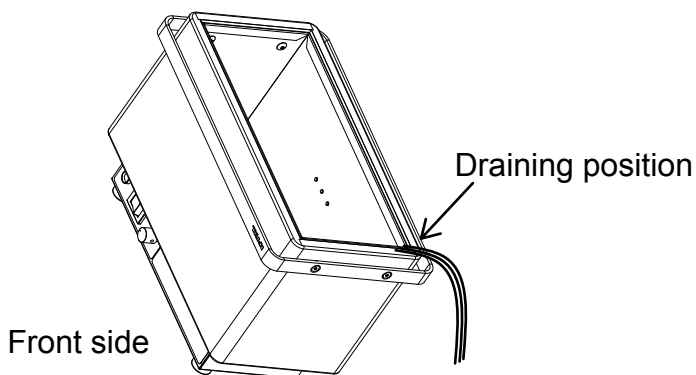
6. This product includes a bottle cap that can be conveniently used for pouring sake into a Tokkuri from a 1.8 liter bottle.
 - (1) Attach the bottle cap to the mouth of a 1.8 liter bottle.
 - (2) Fully insert the bottle cap into a Tokkuri and pour the sake.
At this time fix the Tokkuri or hold it with your hand. Otherwise, sake may spill out.
 - (3) The sake will stop when it reaches the bottle cap in the Tokkuri.
 - (4) Pull out the 1.8 liter bottle from the Tokkuri.

After Use

1. Turn the temperature adjustment knob to "0".
2. Turn the power switch to "OFF".
3. Remove the power plug from the outlet.
4. Check that water in the tub has become fully cool, and then take out the drain board and drain the water using the method shown below.
 - * If water droplets are on parts other than the tub, be sure to wipe them off with a dry cloth. Especially if water droplets remain on the wooden frame or wooden part of the lid, deterioration of wood may occur.

Method for draining water

Tilt the corner of the side opposite that of the power switch, and drain water from the corner.

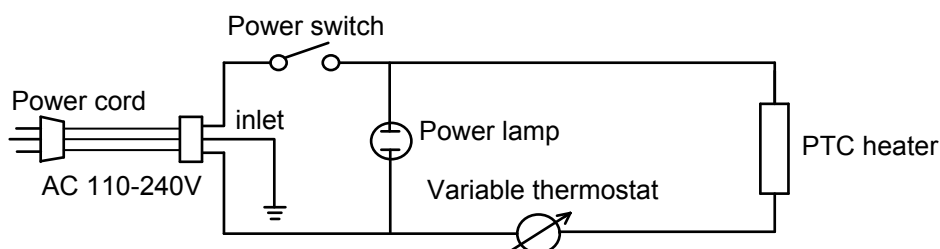


5. Clean the inside of the tub and drain board. If scale or dirt adheres, wash them off. If there are foreign objects, remove them. When draining water, follow the above-mentioned draining water method. After draining water, wipe off the water droplets with a dry cloth.
 - * When using a sponge, use a soft one so as not to damage the product.
 - * When using a detergent, choose a neutral type.
 - * Be careful not to apply a strong force to the heater.
 - * When cleaning the drain board, be careful not to injure your finger by its end face.
 - * Rinse well so that detergent does not remain in the tub.
 - * When cleaning wooden parts, be sure to wipe them with a dry cloth and do not use a detergent.
 - * The wooden parts are made of natural wood. Warping, cracks, or change in color may occur depending on the use environment and condition.

After-sale Service

- For after-sale service, please contact your dealer, nearest TAIJI sales representative, or TAIJI & CO., LTD.
 - For failure caused by use other than that described in the "Application" section (p4), a repair fee may be charged even within the warranty period.
 - The holding period of service parts required for the maintenance of this product is five years.
- (Note) "Service parts" means the parts required to maintain the functions of the product.

Circuit Diagram



Specifications

Model	HS-03N
Rated voltage	Single phase 110–240V 50-60Hz
Power consumption	500W
Temperature control	Variable thermostat
External dimensions	300mm (W) × 183mm (D) × 231mm (H)
Dimensions inside the tub	260mm (W) × 116mm (D) × 124mm (H) (above the drain board)
Weight	3kg
Accessories	Drain board, Lid, Digital thermometer TST-100A Thermometer holder, Bottle cap, Power cord (one unit for each)

* The appearance and specifications are subject to change for improvement without prior notice.