

# ELECTRIC BEER MASH TUN



## MODEL NO. BM-S600

Please read this manual carefully and take heed of the following information to avoid damages. Any failure caused by ignoring the items and cautions mentioned in the instruction manual are not covered by our warranty and we cannot assume any liability.

## **IMPORTANT SAFEGUARDS**

1. Read all instructions carefully.
2. Check the products rating label and make sure the water urn voltage is fit for your outlet voltage before using.
3. The plug should be connected to the earth block.
4. Do not use the water boiler if the cord or plug is damaged, it should be replaced before using.
5. If the water boiler malfunctions or is damaged, please call customer services for checking and repairing.
6. Switch off the button before removing the plug.
7. Always switch off before trying to move the water boiler.
8. Grasp the plug when you remove it. Do not pull the cord.
9. Do not let the power cord hang over edge of a table.
10. Place the water boiler securely at the center of table.
11. Do not switch on the water boiler if the water tank is empty
12. Do not place the water boiler near gas cooker, electric burner or heated oven.
13. Power cord and plug can not touch water in the case of a leakage.
14. Please remove the plug from outlet, and cool off the plug before cleaning.
15. Press the Switch Off button, and remove the plug after using.
16. This appliance is intended to be used in household and similar applications such as: -staff kitchen areas in shops, offices and other working environments; -farm houses; -By clients in hotels, motels and other residential type environments; -bed and breakfast type environments. Do not use this appliance outdoor.
17. The appliance requires a 13A-16Amp plug.
18. The appliance is only to be installed in locations where it can be overseen by trained personnel.
19. Never leave the unit unattended.

## **SAFETY WARNING:**

The surface of the water boiler gets very hot during use. Do not touch the surface.

Do not remove the lid while boiling.

Position the lid so that steam is directed away from the handle.

Do not carry the urn while water inside.

If the appliance is overfilled, boiling water may be ejected.

If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a qualified person in order to avoid a hazard.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Young children should be supervised to ensure that they do not play with the appliance.

This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised. Keep the appliance and its cord out of reach of children aged less than 8 years. Children shall not play with the appliance.

The appliance is not suitable for installation in an area where a water jet could be used.

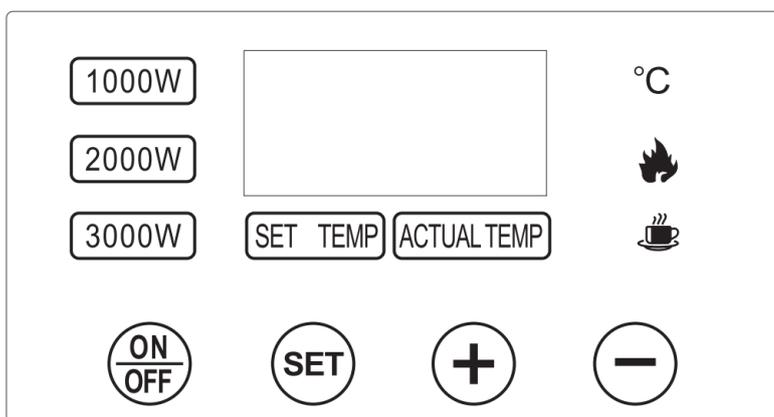
The appliance must not be cleaned by a water jet. The appliance must not be immersed.

Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

## INSTRUCTIONS FOR USE

1. Open the lid and pour in water. Make sure the water is below the "FULL" water level indicator.
2. Connect the plug to the power outlet.
3. Switch on the controller first, then press ON/OFF button to activate POWER and TEMPERATURE setting function.
4. Press SET button, then press "+" or "-" to choose your ideal power in different brewing process.
5. You may press SET button again to set your indeed brewing temperature.
6. After finish setting all the indeed data, press ON/OFF to activate all your setting.
7. Temperature above 101°C means constantly boiling.
8. We may suggest you using full power to heat up water till target temperature, then set it to lower power for mashing.

## DISPLAY SIGN



1000W	Power sign
2000W	
3000W	
SET TEMP	Set temperature sign
ACTUAL TEMP	Actual temperature sign
	Heating sign
	Keep warm sign

## MASHING AND BOILING PROCESS

1. First clean all the parts of your brewing equipment, it is very important for brewing and get the good beer.
2. Fill in water, and heat up till 67c. (All temperature and time are only for reference).
3. Put the grain in, then use a long scoop stir it gently.
4. When the mashing temperature is reached, please adding the ingredients.
5. After finish mashing, drain out the wort, lift up the malt pipe then sparge it with 78c water.
6. You can set temperature to 101°C during sparging to start boiling.
7. After boiling, cooling the wort down to 20c as fast as possible. Then transfer the wort to fermenter.
8. Please adjust the power according to different volume of water.

## BOIL DRY

This device has a preventive boil dry function, when the element is over heat, the thermostat will cut off the machine itself automatically. It's very important to make sure water inside of water tank before switch on the unit.

When the element is over heat, please just wait few minutes till it cool down to reset temperature.

## CLEANING AND MAINTENANCE

The device must be cleaned immediately after the brewing process. Avoid surface drying of wort and malt remnants, as this will significantly impair the cleaning process. All stainless-steel components can be cleaned using a conventional detergent. Abrasive agents and sponges/brushes that because scratching is not suitable. Ideally use a pipe cleaner thread to clean the bottom element part. When cleaning the brewing vessel ensure that no water spray or moisture comes into contact with the electrical components. The Plug must be protected for performing cleaning activities. Before starting the brewing process, remove all dust and dirt from the device and all internal

fitting by means of warm water. The valve also needs to be cleaned, all the components like water pipe, cover and false bottom had to be cleaned, as these could have a negative impact on the foam stability of the beer if with dirt on.

#### USAGE PARAMETERS

Rated Capacity	Power	Voltage/Frequency	Environmental Temperature in Use
60L	3000W	AC220V~240V 50/60Hz	10-38℃

#### Trouble shooting Tips

1	Element with burn mark	A: Use ingredient bag during mashing. B: Clean it with vinegar, Lemon juice and soft cloth
2	Switch off during boiling	A: Do not use 3000W for full power boiling, switch it to 2000W or 1000W B: Contact seller change a higher temperature limited thermostat.
3	ERR-1 shown on display	A: Sensor is not connected to PC board properly, please open the underneath and re-insert it again
4	ERR-2 shown on display	A: Over heating B: Sensor failure
5	Machine fail to switch on	A: Please use a current meter to check the fuse current. B: If the fuse is broken, please contact seller for a new fuse supply. C: Please use a current meter to check the switch current D: If the switch is broken, please contact seller for a new switch supply.

#### NOISE LEVEL

The A-weighted sound pressure level is below 70 dB.

Correct Disposal of this product	
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environment safe recycling.</p>