




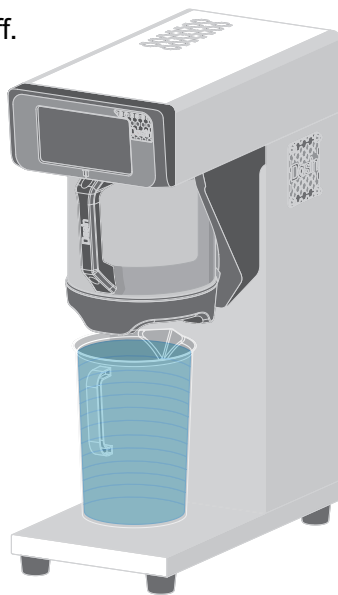


Water Tank Drain

1. Before draining, be sure to confirm that the water source switch has been turned off.
2. Place the tea barrel inside the machine. The water tank capacity is 7000 ml, so prepare a container to collect the water.
3. On the main screen, tap  to enter the "Technical Manual" page. Find the "Maintenance Test" option, then select "Drainage Test". Tap  to switch to  and the drainage will begin. Tap again  to switch to  and the drainage will stop.



Reset All Settings


Press RESET to factory default.

中文 / English

Language : Chinese/English.

Confirm Traditional Chinese or English version before shipment.

Maintenance Testing

TANK DRAIN	ON/OFF
MOTOR TESTING	ON/OFF
PUMP TESTING	ON/OFF
OUTFLOW TESTING	ON/OFF
Supplementary Water Volume	<input type="checkbox"/> 1K <input type="checkbox"/> 2K <input type="checkbox"/> 3K <input type="checkbox"/> 4K <input type="checkbox"/> 5K <small>1K<=1000 1000<2K<=2000 2000<3K<=3000 3000<4K<=4000 4000<5K<=5000</small>
Supplementary Water Volume	<input type="checkbox"/>  ± 1 adjusts the water by 10cc when the volume is 1000cc. ± 1 adjusts the water by 50cc when the volume is 5000cc.

1. Make sure to close the water inlet valve before drainage.
2. Check motor for any exception.
3. Check PUMP for any exception.
4. Check electromagnet for any exception.
5. Increase water volume separately for each range (no increase for factory default).

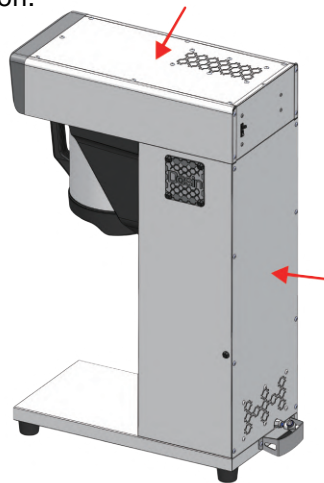
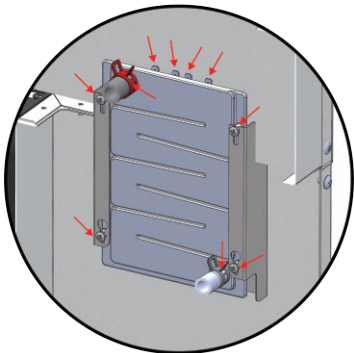
No fine-tuning needed due to functionality upgrade.

13. ST300 Automatic Instant Tea Brewer Installation Precautions

- Power Requirement
 - Uses 220V single-phase power
 - Equipped with a 20A circuit breaker (non-fuse type)
- Water Inlet Pipeline
 - Uses a 1/4-inch RO pipe for water intake
- Water Quality Recommendations
 - TDS value should be maintained below 80 (No cleaning process required)
 - You can choose one of the following methods to achieve this:
 - (1) RO Filter (Typically reduces TDS below 20)
 - (2) Water Softener
 - (3) Scale-Inhibiting Filter Cartridge
 - (4) Filter Performance & Replacement Cycle
 - Please be aware to the effective filtration capacity of the filter and replace it periodically based on actual usage.
 - Example: Everpure MH2 (Designed for scale inhibition)
Effective filtration capacity: 9,000 gallons / 34,068 liters
If the equipment uses 5 liters per time, it theoretically lasts approximately 6,813 times. Actual replacement cycle depends on water quality and usage frequency.

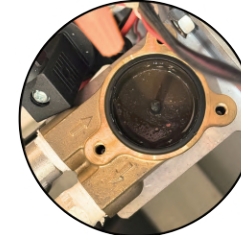
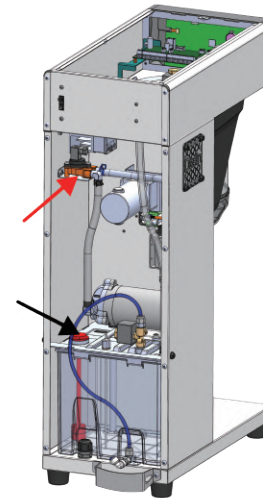
14. Consumable Parts Replacement – Heating Plate Replacement Procedure

1. Remove the upper back panel and rear panel, as indicated by the red arrows in the illustration.
2. Detach the heater's silicone tube/clamp, terminal head, and screws, as shown by the red arrows in the illustration. Replace with a new part, then reinstall the removed components in order. The replacement procedure is now complete.

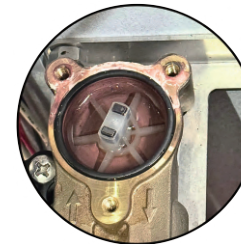


15. Full Machine Piping System Cleaning (Recommended after replacing the heating plate)

1. First, drain 2000 cc of water (refer to page 13 “Water Tank Drainage” instructions).
2. Remove the float switch (see left-side illustration, black arrow). Pour diluted citric acid solution into the float switch opening (ratio: 140 g citric acid + 1000 cc water, fully dissolved).
3. Turn on the power to start water intake. Once the tank is full, the citric acid solution will circulate inside the piping for cleaning.
4. Turn off the water source switch, then empty the water tank. Repeat the same procedure twice.
5. Turn on the water source switch, then proceed with the normal tea-brewing process. Brew two rounds of 5000 cc hot tea to complete the cleaning process.



Solenoid valve before cleaning



Flowmeter following cleaning

6. Cleaning Timing

After each heating plate replacement, it is recommended to refer to the previous heating plate's service life and perform piping cleaning earlier to help extend the new heating plate's lifespan.

(For example, if the heating plate normally wears out in two years, conduct piping cleaning about 1.5 years after replacement.)

You may also check the flowmeter for scale buildup (see right-side illustration, red arrow; the flowmeter is an easily removable part and can be inspected by removing only three screws—refer to the bottom-right illustration).

If scale is present, this indicates that invisible areas such as the solenoid valve (see top-right illustration) may also have scale deposits.