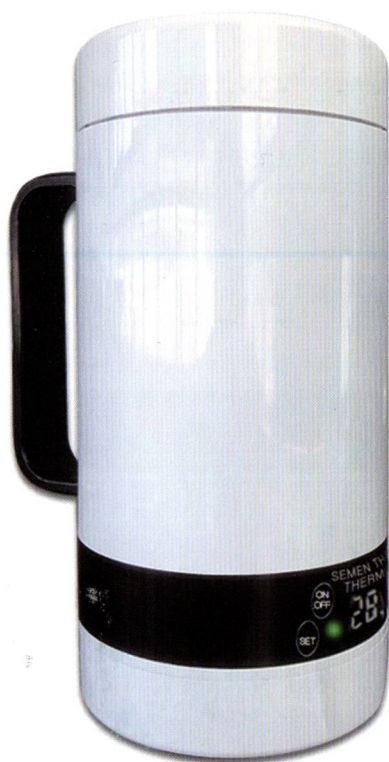


Semen Thawing thermostat



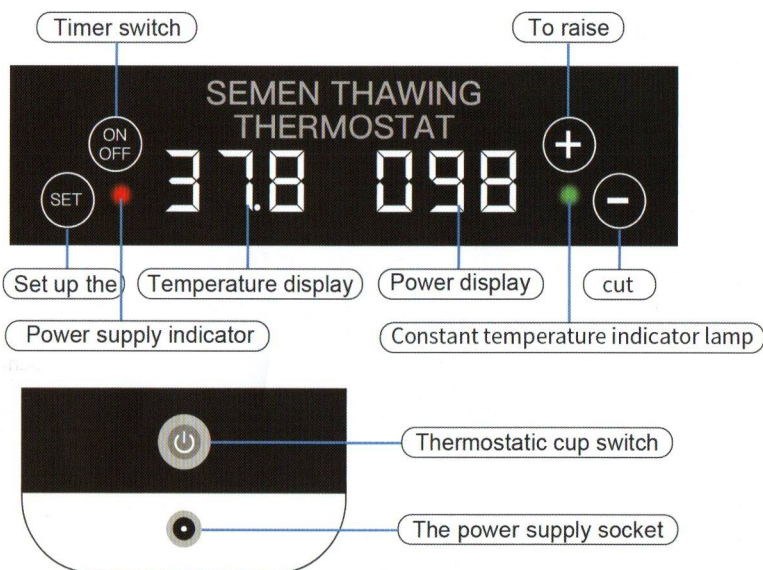
Introduction

Semen has high susceptibility for temperature, so the control of temperature is very important while collecting and thawing the semen. Practically, various kinds of external factors restrict conception.

China is a large country in raising pigs, and independent breeding is widely used throughout the country. The environment and climate of boars' semen collection varies differently, so not all the users can control temperature correctly in the process from semen collection to attenuation. This semen collection thermostat can operate independently with the in-built lithium battery. It can also make the temperature at the constant and set degree; which keeps the semen at the best condition. Besides, doing attenuation in minimum difference is helpful to prolong the storage time of semen.

Thawing tubule of frozen semen can be set to ideal temperature for different animals. Together with the timer function, it makes the condition of thawing frozen semen to be more standard. Compared with the normal style, the vitality of thawed semen is obviously increased in this way. At the same time, for the users who need work out, they can use the car charger as well as getting rid of supply voltage and supply power independently. That is, the thawing place is free for any other factors and you can finish the thawing process at any place, which satisfies the focal need of all customers

System Settings



Operation Instruction

Frozen semen Thawing(cow, pig, sheep, dog, etc.)

- 1.Insert the supple line and press the switch which is below the handle, press the set button adjust the temperature into 38°C by adding and subtracting.
- 2.Pour the water into the cup so that the water level does not exceed the edge of the internal opening.
- 3.After reaching the set temperature, put the frozen tubule into thawing cup rapidly.
- 4.Thawing advice: (1)cow semen: 38°C for 15 seconds
(2) pig semen: 50°C for 16 seconds
(3)dog semen: 37°C for 20 seconds

Master control function operation:

Press the set button and the screen will flicker with the key sound.

Fresh semen Collection(pig)

- 1.Press the switch button which is below the handle, and press the set button, adjust the temperature into 37°C by adding and subtracting.
- 2.Put the semen collection bag into the cup and put the cotton filter in the entrance.
- 3.Cover the lid and collect the semen on site.

Master control function operation

Press the set button and the screen will flicker with the key sound.

Set button	Enter the menu	Set section	unit	function
Press once	Temperature	0.1-99.9	Degree centigrade	Temperature display
Press twice	timer	0-300	second	Thawing frozen semen count-down
Press three times	Temperature difference values	-5.0-5.0	Degree centigrade	Calibrate the temperature difference between indoor and outdoor

Note

1. When power off and charging, the left charging indicator light is red and turns green after charging.
2. Description of charging indicator: When the adapter is connected, the left charging indicator light is red and turns green after the charging is complete. After the adapter is removed, the left charging indicator light is off.
3. Constant temperature indicator description: When heating, the right constant temperature indicator light is red. After heating to the set temperature, the right constant temperature indicator light turns green.
4. The thawing of frozen sperm is directly powered by lithium battery. Warm water should be added to the cup to directly enter the constant temperature state.
5. Give priority to the use of car power supply when going out, and switch to independent power supply after on-site operation.
6. Temperature adjustment method: When the water temperature is 1°C higher than the displayed value, set the temperature difference to 1. If below 1°C, Set the temperature difference to -1.
7. When the lid is too tight to unscrew, turn on the machine and keep a constant temperature.

Technical specification

Name of parameter	unit	data	Name of parameter	unit	data
Total height	mm	211	Charging time	hour	3-5
Cover diameter	mm	106	Refresh rate	Times / second	2
liner height	mm	128	Environmental conditions	Degree centigrade	-10-37
Liner diameter	mm	80	Buffer temperature difference	Degree centigrade	0.1-0.3
Maximum capacity	ml	600	0-20°C constant temperature stand-by	hour	2-4 hours
Input voltage	v	12-14	20-37°C constant temperature stand-by	hour	4-6 hours
Input current	A	5-7	Set temperature range	Degree centigrade	37-40

Packing specification:255*175*165mm

Packing allocation: a thermostat; a set of power adapter;a set of car charger