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Characteristics

1. The heating plate is TU2 vacuum coating copper plate, beautiful anti-corrosion and not deformed when heating.
2. Unique heating method (patent pending), Max. temperature is 350°C.
3. Fuzzy PID temperature control, double digital display, self-tuning function, measuring temperature high accuracy, small temperature fluctuation, one-button touch operation, internal and external thermocouple, SCR output, 160 - 240V wide voltage power supply, and self-protection function.
4. Heating and stirring of the single row at the same time. Temperature and stirring can be controlled separately.
5. It can heat and stir in standard or nonstandard, nonmagnetic metal or non-metallic 50-20000 ml containers.
6. Using DC brushless speed motor, stable performance, low noise, long life, no spark generated.
7. The use of metal spray shell, high temperature, anti-corrosion, and

insulation performance.

8. Equipped with over-temperature protection function inside.

9. 30° working plate suits your seat and perspective.

10. Low speed steady, high speed strong.

Instructions

1. Inserted the sensor plug or external sensor probe; Secure the reaction bottle with a universal clip and put it in a suitable magneton.
2. Temperature setting : Turn on the switch, into a heated state. There have digital display on the PV, SV window, Press the SET button, SV window flashing digital, digital SV through the window “<” “^” “v” buttons to adjust. Press the “set” button again, can quit the SV temp. set situation, and achieve the SV temp. set. PV window display the test temp. Set the heating temp. you needs, for example : 100 °C, Heating said green light, Green light off means stop. Microcomputer will determined the plus heat by the temperature difference heat between the set temperature and real temperature, ensure that no temperature overshoot, and Once desired temperature is reached, and maintain for heat dissipation balance, let the heating achieved easily.
3. Self-tuning function: starting the function can make different heating section, heating power or solution capacity irregular, heating time the shortest, temperature fluctuation minimum, balance the best, but change

the heating medium or heating conditions should be auto-tuning set.

4. Speed setting: Press the button switch into stirring state. Press SET Set, SV window flashing, then press the SET button, SV set state exit, r / min window flashing, r / min window by "<" "∨" "∧" button to adjust. Then press the SET setting key, you can exit the r / min speed setting status window, r / min speed setting window is completed. 100-2500 r / min, button selection, low smooth, high-speed strong.

5. Start the self-tuning: in normal measurement control state, hold down the < key 8 seconds, can enter a state of self-tuning, self-tuning state AT lights flashing, if you need to stop, press < key 8 seconds 5. Press SET key to adjust the function parameters, 8 seconds without any operation, instrument automatic exit setting state, the state of normal display. Such as still need to adjust the parameters, need to SET the press SET key, enter the SET state.

6. On the rear of heating plate has a rubber plug, which is used to protect the topical thermocouple socket corrosion rust and conduction inside use, unplug the probe disconnect, machine stop working. Such as

when using a topical thermocouple should pull out the plug, insert the plug of topical thermocouple socket and lock nut, and then lowered the stainless steel rods in the solution for temperature control of heating.

7. The appliance did not break accidentally protection function, when electric accidentally bad contact, displaying window "HHHH" green, appliances or stop heating, reoccupy after checked.

Technical Data

Model	ZNCL-6D
Voltage	110V/60Hz
Mixing capacity	50-1000ml *6
Heating power	260W*6
Working time	continuous work > 8 hours

Temperature accuracy	±1°C
Temperature control	Intelligence control. Inside, outside probe.
Temperature range	RT~350°C
Boiling	Water 10-25 mins
Furnace wire	Cr20Ni80
Rotation speed	50-1800 rpm
Motor power	40W*6
Heating area	140*140mm * 6
Fuse	ø5×20 15A
Plate material	TU2 Copper

Notice

1. Heating board's temperature is very high, so you should beware burning in operation.
2. Instrument should have a good grounding.
3. First use, it is the normal phenomenon that white smoke and odor emitted. For the internal insulating materials in the process of production containing oil and other compounds, it should be put in ventilated place, then disappear several minutes later and can use normally.
4. Wet hand, liquid spill or long-term in humidity, may have induction electricity through the thermal insulation layer to shell, please have a good grounding and pay attention to the ventilation. Such as leakage serious, please don't use. In order to avoid danger, it needs to be in the sun or drying in oven before use.
5. Once finding no electricity, please first check whether the right rear

insurance needs to be changed.

6. A long time no using, please keeps the instrument clean, and kept in dry and non-corrosive gases environment.

7. If owning to products or the specifications for the product involved improvement to the content of the manual has synchronize, we will inform you prior.