User Manual

Please read the manual before installation and operation.

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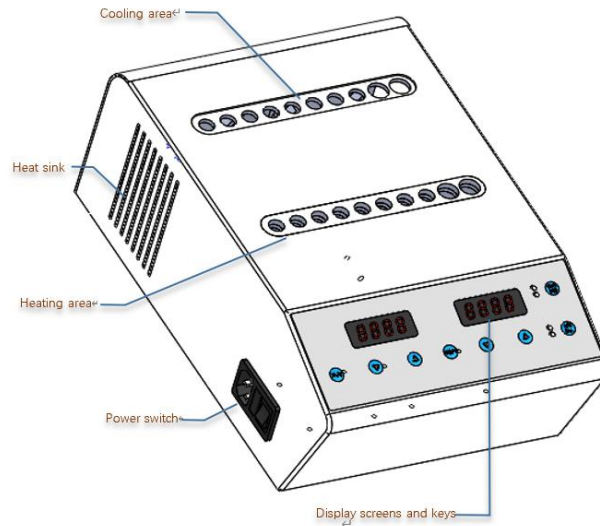Tel: 0086-023-63268643
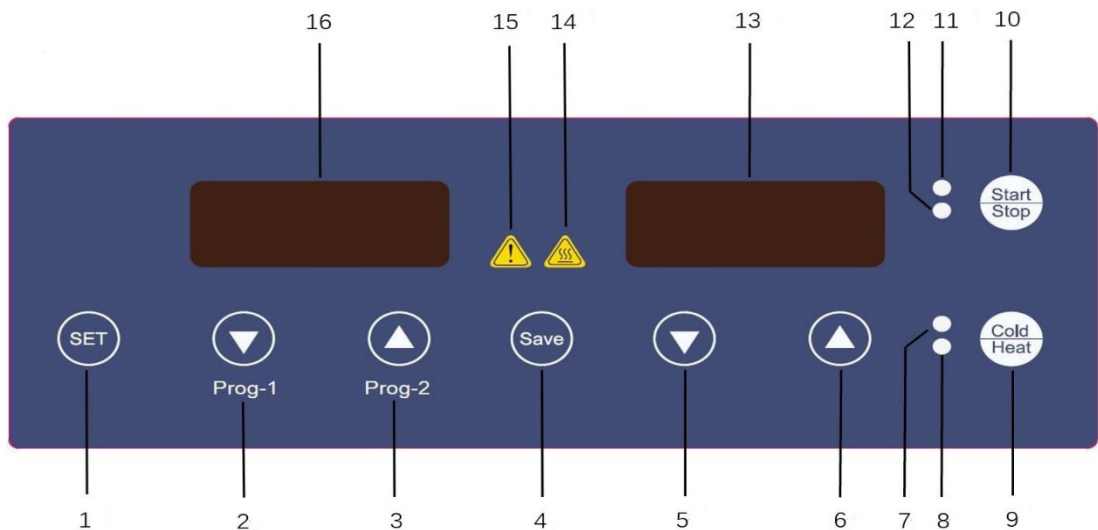
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Gel-Maker User Manual

1. Appearance:

2. Instructions：

1、Setting button　　2、Temp-down /PROA　　3、Temp-up/PROB　　4、Save button

5、Timer-down　　6、Timer-up　　7、Cooling indicator　　8、Heating indicator

9、Heating/cooling　　10、Start/stop　　11、Start indicator　　12、Stop indicator

13、Time display　　14、Beware of scalding signs　　15、Warning signs

16、Temperature display

3. Operating and function descriptions

3.1. Heating/cooling mode setting：

● Click on the "Cold/Heat" button, the "cooling indicator" will light up, this is the cooling mode, click on the button again, the "heating indicator" will light up, this is the heating mode, the default is heating mode; (only when the machine stops running can the mode be switched).

3.2. Temperature settings：

● Click on the "SET" button, the display flashes, then click on the " " and " " buttons below the temperature to adjust the temperature, press and hold to accelerate the adjustment.

3.3. Time Setting：

● To set the heating time: click on the "Cold/Heat" button so that the heating indicator lights up, then click on the "SET" button and the display flashes, then click on the "▽" and "△" button to adjust the heating time, long press to speed up the adjustment; when the time is set to 0, it is continuous operation mode.

- Cooling time setting: click on the "Cold/Heat" button to make the cooling indicator light up, then click on the "SET" button and the display will flash, then click on the " ▽ " and " △ " button to adjust the cooling time, press and hold to speed up the adjustment; when the time is set to 0, it is continuous operation mode.

3.4. PROA/PROB

- PROA mode setting: When the machine is not running, press and hold the temperature down button for 3 seconds, release the button when you hear the buzzer beep, then the display will start flashing, then press the temperature +/- and time +/- to adjust the parameters (long press to speed up the adjustment), when the parameters are adjusted click the "Save" button to save the set parameters, click the "Start/Stop" button to start running; if you want to exit the PROA mode, just power it up again.

- PROB mode setting: When the machine is not running, press and hold the temperature up button for 3 seconds, release the button when you hear the buzzer beep, then the display will start flashing, then press the temperature +/- and time +/- to adjust the parameters (long press to speed up the adjustment), when the parameters have been adjusted click the "Save" button to save the set parameters, click the "Start/Stop" button to start running; if you want to exit the PROB mode, just power up again

- Note: PROA and PROB modes can be switched between each other without re-energising.

3.5. Save：

● When the temperature and time settings are complete, click on the "Save" button to save the set parameters.

3.6. Start/stop：

● Click on the "Start/Stop" button, when the "Start indicator" lights up, the machine starts to run, click on the button again, the "Stop indicator" lights up, the machine stops running; when the temperature reaches the set temperature, the timer function opens, after the timer time is over, the machine stops running and the buzzer will beep.

3.7. Calibrations：

● Press and hold the "Save" button before powering on the machine, then turn on the power and release when the machine displays the "CAL" icon, then enter the single point calibration mode, adjust the temperature to the point to be calibrated, then click the "Start/Stop" button. Start/Stop" button, when the "Start indicator" lights up, start calibration, when the displayed temperature stabilises to the set temperature (minimum 20 minutes), then adjust the display on the right hand side to match the actual temperature measured by the temperature gauge, then click the "If the calibration fails or the displayed temperature is abnormal, please restore the factory settings and then recalibrate.

3.8. Restore factory settings：

● Press and hold the "temperature down" button before powering on the machine, then turn on the power and release when the machine shows the "rS" icon, at this time to restore the factory parameters, re-power the machine, restore the completion.

4. Specifications：

Item	Specifications
Voltage [VAC]	110/220
Frequency [Hz]	50/60
Power [W]	260W
Display	LED
Heating temperature range	10 - 90 °C
Temperature control accuracy	±1°C
Temperature increments	1°C
Temperature display	0.1°C
Safe temperature	110 °C
Timing function	Yes
Time setting range	0sec/1sec -99min59sec
Time increments	1sec
Working	Timed/continuous operation
Dimension [WXDXH mm]	330×220×130mm
Weight [kg]	4.2
Permissible ambient temperature [℃]	5-40℃
Permissible relative humidity	80%

5. Troubleshooting：

Fault type	Cause of failure	Processing
Power on display does not light up	Poor cable contact	Re-plug the cable so that it makes good contact
	Damaged switching power supply	Replacement of switching power supplies
Er-01	Poor cable contact	Re-plug the cable so that it makes good contact
	Sensor disconnection	Sensor replacement
	Temperature runaway	Checking the heating drive board

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