

# Shaking Incubator

## USER MANUAL



Please read operating manual before installation and operation.

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## Contents

I: Safety tips.....	1
II: Important information.....	1
III: Technical Specifications.....	2
IV: Operation Instruction.....	3
V: Wiring diagram.....	4
VI: Malfunction handling.....	4
VII: After-sales service.....	5
VIII: Packing List.....	5

Thanks for purchasing the product, please carefully read the manual before operation.

## **I: Safety tips**

For your personal and property safety, the following must comply with !

1. The product must be reliably grounded before use.
2. Please confirm that the local power supply voltage meets the requirements before use.
3. The instrument shall use independent power socket.
4. Insert the plug.
5. Do not plug and unplug the power cord with wet hands.
6. Don't pull out the plug by pulling power supply cord.
7. Do not damage the power cord or use the unspecified power cord.
8. Do not connect the power cord and use the extension cord in the middle section.
9. Do not insert fingers, rods or other objects into the air outlet or air inlet.
10. If there is abnormal state (burning smell, etc.), immediately pulled out the power plug.
11. Do not repair without permission. Improper repair may cause fire or electric shock.

## **In such circumstances, must unplug the power plug**

1. Open the power supply cabinet for the incubator.
2. Replace the fuse.
3. Instrument malfunction can't work properly.
4. The instrument is out of use for a long time and the power plug is full of dust.
5. Move the instrument.

## **II . Important information**

1. The instrument should be placed on a hard and firm surface and ensure its level.
2. The distance between the instrument and the wall must be more than 10CM.
3. Do not put the instrument at the edge of the stove or direct sunlight.
4. Do not open or close the instrument door by gravity.
5. Make sure the tray is in a stationary state before opening the instrument door.
6. Regularly check the flask clamp screw.
7. The instrument door should not be opened frequently during it's working.
8. The surface of the instrument should not be in contact with volatile chemicals such as

gasoline and banana water.

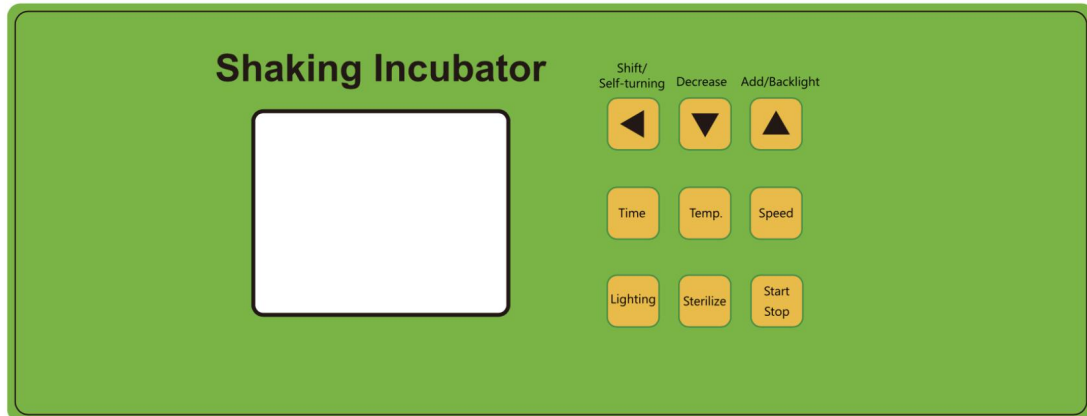
9. Do not put inflammable, explosive or toxic substances in the instrument operation room!

10.Keep inside and outside clean, and regularly clean up.

### III:Technical Specifications

Model	DW-SI-2102C (single)	DW-SI-2102 (double)	DW-SI-2112B (double)
Rotation frequency (rpm)	40-300		
Frequency accuracy (rpm)	±1		
Shimmy amplitude(mm)	Φ26		
The standard configuration	250mlx24	250mlx35, 500mlx24	250mlx45, 500x37
The maximum capacity	100mlx48 250mlx24 500mlx18	250mlx70 500mlx48 1000mlx24 2000ml×8	250mlx90 500mlx74 1000mlx36 5000mlx8
The tray number	2 pieces		
The pallet size(mm)	500x350	740x460	970x760
Power (W)	550	750	1420
Operating temperature	4~60°C	4~60°C	4~60°C
Temperature Accuracy	±0.1°C		
Temperature uniformity	±1°C		
Timing range	1-9999min		
Digital display mode	LCD		
The power supply	AC220V~240V±10% 50~60HZ		
Volume (cm) (W) x (D) x (H)	66x44x65 (170L)	84x52x64 (280L)	109.5x62.5x85 (582L)
Overall dimensions (cm)	70x56x126	95x70x126	120x82x160
Te net weight(KG)	165	240	425

## IV: Operation Instruction



### Start /Stop

Long press "Start / Stop" key for 1 second to start or stop the operation of the controller.

### Lighting and sterilization

Press "lighting" to turn on the light, long press "sterilization" for 3 seconds to start sterilization

### Temperature, speed and time setting.

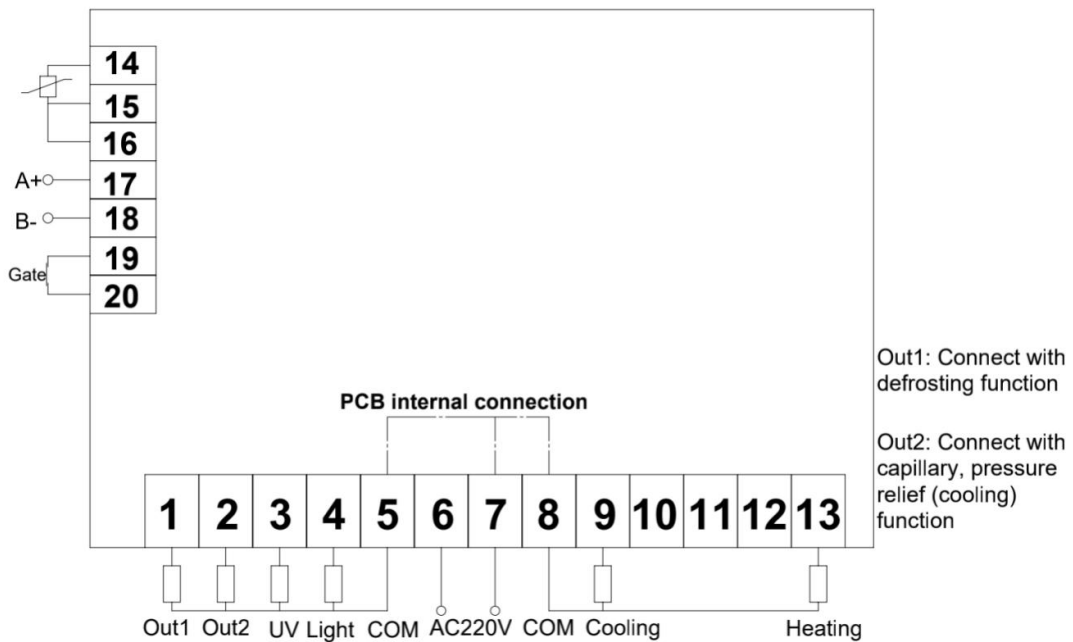
1. Press Temp. key to enter the temperature setting, the temperature display flashes, modify to the required setting value by "◀", "▼" and "▲" buttons; then press the Temp. button again to exit the temperature setting , the set value is automatically saved.
2. Press Speed. key to enter the speed setting, the speed display flashes, modify to the required setting value by "◀", "▼" and "▲" buttons; then press the Speed. button again to exit the speed setting , the set value is automatically saved.
3. Press Time key to enter the timing setting , the time display flashes, can press "◀", "▼" and "▲" to revise the values.

When the total timing is "0", it means there is no timing function and the controller operates continuously; when the setting time is not "0", the operation stops after the setting time, when timing finished, "end" will display and there is buzzer sounds, press any key to silence. Press "start/stop" key to restart the operation. Press "Time" button again to quit setting status and the revised value will be automatically saved.

Note: If there is no operation within 1 minute in the setting state, the controller will

automatically return to the normal display state.

## V:Wiring diagram



## VI:Malfunction handling

Phenomenon	Reasons	Solution
Instrument doesn't operate, panel no display	No power of outlet	Check that the plug has been wired up properly. If there is a electric power outlet; Make sure the power switch has been opened
	The fuse burned	Changing fuse of the same rating
Large temperature fluctuations	Refrigerating system setting is not correct	Reset according to the instruction manual
The measured temperature is too high and often enters the over-temperature alarm state	The control temperature is too high	Open the back vent
Too much noise	Instruments placed uneven	Adjust the left foot behind the instrument,make instrument smooth landing
	Tray loose	Tighten the nuts at the four corners of the

		tray
	Clamp flask loose	Take out the tray, fastening clamp flask nuts with tool

## VII:After-sales service

The warranty for the product is 12 months from delivery (except for the heating elements). If damaged due to non-human factors or can not work normally during warranty period, our company is responsible for free repairing or replacement of product parts. Beyond the warranty, we try our best to provide convenience for users.

## VIII. Packing list

Item	Name	Category	Qty.	Remark
1	Shaking incubator	Machine	1 Set	
2	Instruction Manual	Document	1 Copy	
3	Fuse	Spare parts	1pc	
4	Power Cord	Part	1 pc	
5	This packing list	Document	1 pc	

We reserve the right to change the data in the manual without prior notice. The company has the final interpretation right.

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