

DW-SI-100B 200B Shaking Incubator User Manual



Please read operating manual before installation and operation.

Drawell International Technology Limited

Chongqing Drawell Instrument Co., Ltd.

Shanghai Drawell Scientific Instrument Co.,Ltd.

Address : Suite 2705,Building No.12,Shiyu Road No.1, Yuzhong District,
Chongqing China.

Homepage : www.drawell.com.cn

Tel : 0086-023-63268643

Email : sales05@drawell.com.cn

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 door
2. Replace the fuse
3. Instrument malfunction can't normal use
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

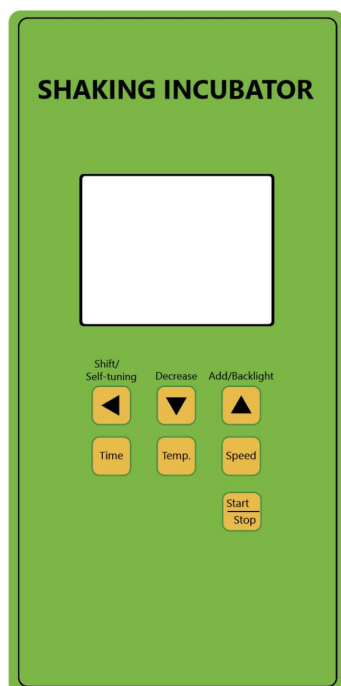
1. The instrument should be placed on a hard and firm surface and ensure its level.
2. The distance between the instrument and the wall must be more than 10CM.
3. Do not put the instrument at the edge of the stove or direct sunlight.
4. Do not open or close the instrument door by gravity.
5. Make sure 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-100B	DW-SI-200B
Shaking Speed (rpm)	20-300	
Speed accuracy (rpm)	±1	
Swing amplitude (mm)	Φ26	
Standard configuration	50ml×4, 100ml×4 ,250ml×3, 500ml×3	50ml×5,100ml×5,250ml×4, 500ml×3
Maximum capacity	50ml×20 or 100ml×16 or 250ml×12 or 500ml×9	100ml×20 or 250ml×16 or 500ml×12
Tray Size (mm)	400×370	450×410
Timing Range	1-9999min	
Temperature Range (℃)	RT+5~60	10~60(Cooling)
Temperature Accuracy (℃)	±0.1	
Temperature uniformity (℃)	±1	
Display	LCD	
Tray Included	1	
Volume (W×D×H)mm	440×405×270	480×450×320
Power Rating	320W	720W
Power Supply	AC 220V, 50Hz	

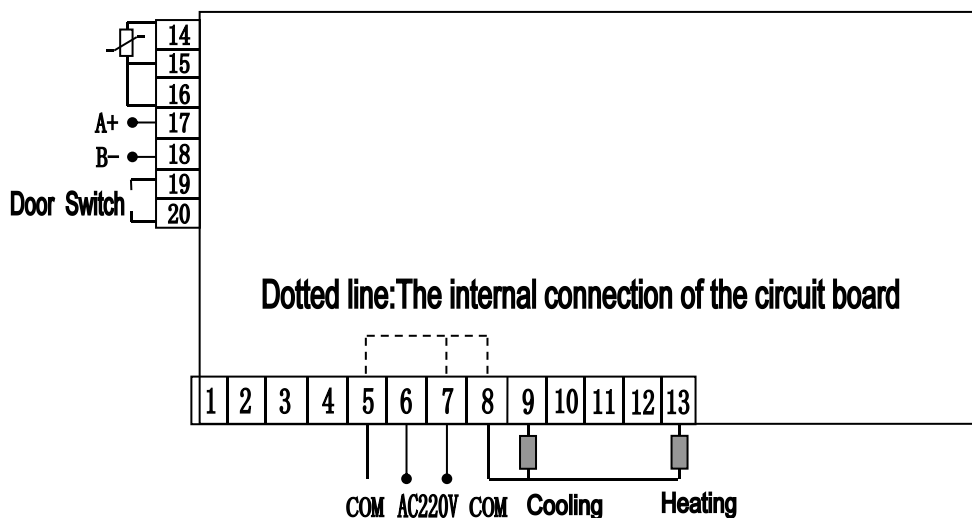
IV: Operation Instruction



Temperature, speed and time setting.

1. Long press Start/Stop key for 3 seconds, screen will display run to start. long press Start/Stop key for 3 seconds and stop will display to stop the operation.
2. 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.
3. 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.
4. Press Time key to enter the timing setting , the time display flashes, can press “◀”, “▼” and “▲” to revise the values. Press “Time” button again to quit setting status and the revised value will be automatically saved.

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
	porous 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	This packing list	Document	1 pc	

Drawell International Technology Limited

**Shanghai Drawell Scientific Instrument
Co.,Ltd.**

Chongqing Drawell Instrument Co.,Ltd.



Add: Suite 2705, Building No.12, Shiyu Road No.1, Yuzhong District,
Chongqing, China

Tel: 0086-023-63268643

Web : www.drawell.com.cn

Email : sales05@drawell.com.cn