



**YesHealth**  
源鮮集團

**YesHealth Agri-biotechnology Co., Ltd**

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# Orbital Shaker User Manual

## Model: S103

**源鮮農業生物科技股份有限公司**

**YesHealth Agri-biotechnology Co., Ltd**

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### Power supply demand:

1. Input power--220V 1A 50Hz.
2. For safety issues, please connect ground wires.

### About maintenance for orbital shaker:

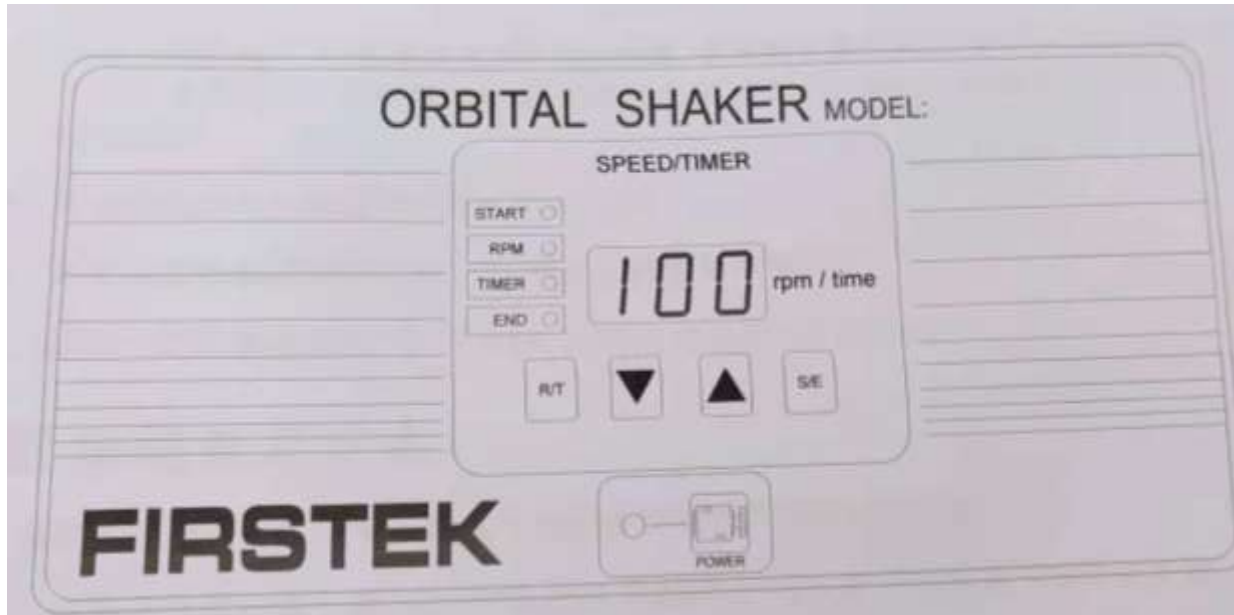
1. Operate with caution and careful to elongate equipment life.
2. Install on the horizontal floor to prevent vibration noise between equipment and uneven surface.

### Cleaning method:

1. Use wet soft cloth to wipe and dry cloth to dry. Neutral detergent can be used to clean equipment.
2. Remember using water to clean after using detergent.



## Monitor screen introduction:



START- turn on indicator light

END- turn off indicator light

RPM- indicator light while screen show shaker's speed

TIMER- indicator light while screen show shaker's timer

R/T- Button switch between RPM and TIMER mode

▼ Decrease button

▲ Increase button

S/E- Button switch to turn on and off shaker



## Adjustment of RPM:

1. Press “power” button. Screen will show digit 0 after 5 seconds. Besides that, both START and RPM indicator light will light in the moment, press “▼” and “▲” to adjust shaker’s rotation speed (Factory setting is 0 rpm).
2. Shaker will work after rpm setting is above 20rpm.
3. Press “power” button to turn off, screen will turn off in the same time.
4. S103 model shaker’s rotation speed range: 20-250 rpm.

## Setting timer:

1. After turning on shaker, press “R/T” and “S/E” button in 5 seconds to enable TIMER setting function.
2. First, LED beside the screen will twinkling, and screen will show timer setting code-- 0, 1, 3, 7.  
0: No timer function  
1: Timer use second in unit  
3: Timer use minute in unit  
7: Timer use hour in unit
3. Press “R/T” button to choose the code 0, 1, 3, 7. After confirm timer setting code, press “S/E” button and release until screen shown “888”. Setting value will be reading by shaker automatically.

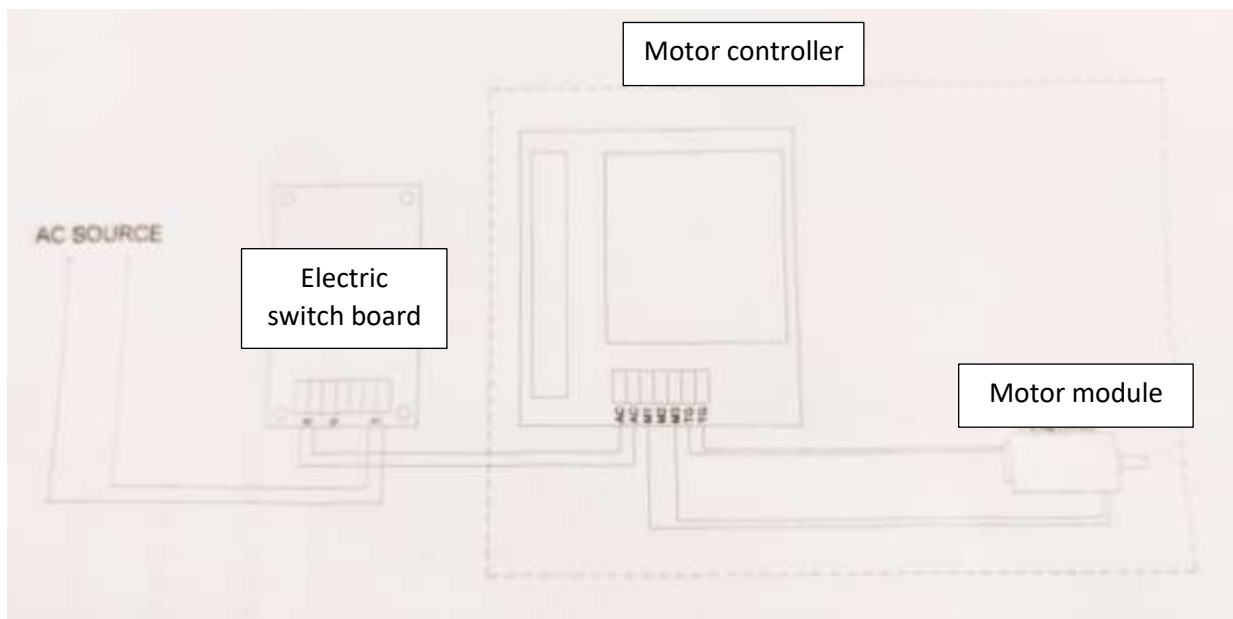
## Adjustment of timer:

1. After done setting with rpm, press “R/T” button and indicator light of RPM will turn off and indicator light of TIMER will turn on.
2. Screen will show “000” and use “▼” and “▲” to setting timer.
3. Press “S/E” button to run machine after setting.
4. Screen will show current rpm if pressing “R/T”.
5. After running time over, shaker will sound “beep”, press any button to stop it.

## Troubleshooting

Abnormal situation	Reason	Troubleshooting method
Shaker not running	Rotation speed controller abnormal or wrong setting	Replace it or reset setting
“ErH”	Rotation speed controller or motor abnormal	Replace it
“ErL”	Rotation speed controller abnormal or something stuck	Replace or open up machine and remove object which cause machine stuck.

## Electrical diagram



Orbital Shaker

Model: S103

**合格證明書**  
**Certificate of Compliance**

本機器經技術部門檢查合格，准予出廠。

**This machine has passed the inspection by the technical department  
and is allowed to leave the factory.**

出廠發行證明	技術部門檢查人員
 <p>YesHealth Group YESHEALTH AGRI-BIOTECHNOLOGY CO., LTD 30 July 2021 <b>ISSUED</b></p>	<p>林傑洋 Lin Chieh Yang</p>

Date: 2021 年(yyyy) 7 月(mm) 30 日(dd)

附件 2 保修卡

Appendix 2 Warranty Card

保 修 卡

Warranty Card

設備名稱 Machine Name	<b>Orbital Shaker</b>	設備型號 Machine Model	S103	供貨日期 Date of Supply	30 July 2021
故障現象描述： Fault Description:					
客戶名稱： Customer Name:			備註 Comments		
詳細地址： Detailed Address:					
電 話： Telephone:					
傳 真： Fax:					
聯絡人： Contact person:					

保修期：從購買日期開始 二 年內有效。

**Warranty period: Valid for two year from the date of purchase.**

尊敬的顧客，請參照說明書按規定正常使用，如有任何疑問或故障時，請複印此卡填故障現象（請盡可能詳細）傳真至我司，以便我司儘快提供相關服務。

**Dear customers, please refer to the manual and use them normally according to regulations. If there is any doubt or failure, please copy this card to fill in the failure phenomenon (please be as detailed as possible) and fax it to our company so that our company can provide relevant services as soon as possible.**

Thank you for your cooperation!