NOTE:

In heating mode, "heating" indicator will be displayed on screen.

.!._. HeallnQ   JL Heallll!l   Healln!l

When the 6 quid reach the temperature setting value, "heating" indicator will flash continuously.

·J.t!. Heatlnll ·

EXIT MODE:

To exit this program, Press 'C key to enter setting mode, then press EXIT key to cancel setting.

WARRANTY

1. Al of products are supplied with a one year warranty from manufacturing date, but temperature probe and stirring bar not included in the range of warranty.

2. If the instrllllent has working problem within 1 morth from the date of pii'Chase. Rigchina Group wil datarmine if the product problem is due to deviations, if it is, we will deliver a new one to replace it. Please ilclude the instrlllent and its accessories are to be returned.

3. If repair or adjustment is necessary and has not been res(jt of abuse or misuse witlin the designated period, please return-freight pre-paid and correction will be made without charge.

4. Out of warranty products will be repaired on charged basis.

5. The warranty on your instrument shall not apply to dsfacts resulting from improper or inadequate maintenance by customer, unauthorized modification or misuse, operation outside of the environment specifications of tha products.

6. The above WBmlnty items are clained by Rigchina Group. Please contact the nearest authorized distributor in your country if you have any questions.

MS SERIES MAGNETIC STIRRER
OPERATION MANUAL

- MS200 MAGNETIC STIRRER
- MS300 HOT PIATE MAGNETIC STIRRER
- MS400 HOT PIATE MAGNETIC STIRRER

C E

INTRODUCTION

Thank you for selecting MS series magnetic stirrer. You have one of three models:
- MS200
- MS300
- MS400

This manual provides a step-by-step guide to opel'llte the instrument. If you want to know more information. Please visit our website, www.rigchina.com.

www.rigchina.com

MS series magnetic stirrer can stir liquid volumes of up to 2 litre, the stining speed can be adjusted from 0 to 1250 rpm, MS30D/400 maximum heating temperature of up to 300 or 4(]0 'C.

SPECIFICATIONS:

Maximum Stirring Volume: 2000ml
Stirring Speed Range: 0-1250rpm
Temperature Range:

Model	Temperature Range
MS200	
MS300	Room Temperature -300'C
MS400	Room Temperature -400'C

Temperature Accuracy:

Model	Temperature Accuracy
MS200	
MS300	<100'C, ±1'C: >100'C, ±3'C
MS400	<100'C, ±1'C: >100'C, ±3'C

Timer Range: 0-999 minutes
Top Plate Size: 1351Umm X 135!Wlmm
Power Requirements: 220V/50Hz or 11OV/60Hz
!See Power Supply Labell
Dimensions: 230CU mm.x 1BO!Wlmm.x 12Q(Hlmm
Weight: 2.2kg

UNPACKING:

Inside the carton, you should find a magnetic stirrer, stir bar and a temperature probe !Only for MS300 or 4001.
Please check the accessories are complete after you opened the carton.

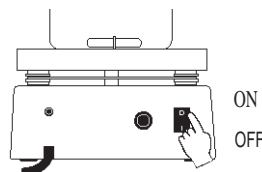Magnetic Stirrer

Temperature Probe
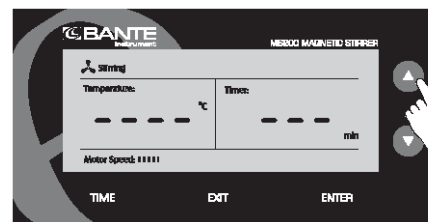[Only for MS300/400J
SE=3
Stir Bar

STIR

Befure plugging in power, please ensure input mains voltage to match your instrument.

1. Put stir bar into liquid, press the power switch to the ON position.

ON
OFF

NOTE: You are using the bolt.om of the container must be formed, without any obstacles.

2. Press ..._ or **"f'** key to adjust stirring speed control to the desired speed.
The stirring action should begin immediately.
If it does nat or the fluid is viscous, it may be necessary to increase the stirring action by adjusting the ..._ key slightly until stinring just begins.

WARNING:

To prevent injury from corrosive and caustic substances being stirred, do not attempt to retrieve the stir bar from the liquid using your fingers.
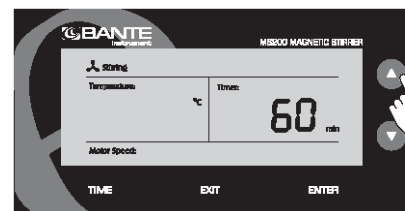

SET THE WORKING TIME

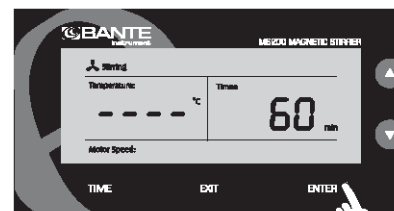MS series magnetic stirrer has a working time setting function. the longest working hours of up to 999 minutes.

1. Press TIME key to enter setting mode.

2. Press ..._ or **"f'** key to set the working time. !Maximum 999 minutes!

3. Press ENTER key to confirm setting, Timer to start the countdown. When the screen display "0", the magnetic stirrer wllstopped working.
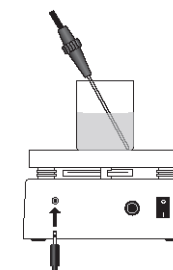

NOTE:

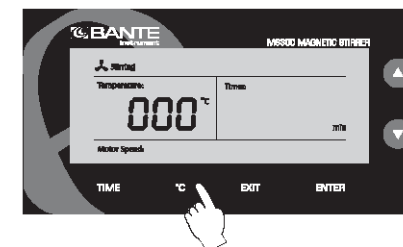To exit this program, Press TIME key to enter setting mode, then press EXIT key to cancel setting.

HEATING AND HOLD TEMPERATURE

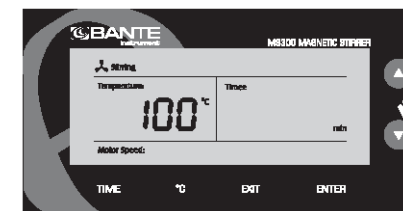This feature is only for MS30D/40D.

1. Immerse the temperature probe into liquid. the screen display temperature value.

2. Press 'C key to enter to temperature setting mode.

3. Press ..._ or **"f'** key to set target temperature value. IMS400, Maximum 400'C; MS300, Maximum 300'CJ

4. Press ENTER key to confirm setting.

WARNING:

1. After start heating, the temperature probe must be immersed into a liquid, or else hot plate will heat continuously untilit is fault.
2. If temperature probe is not connected to socket, hot plate will not heating.