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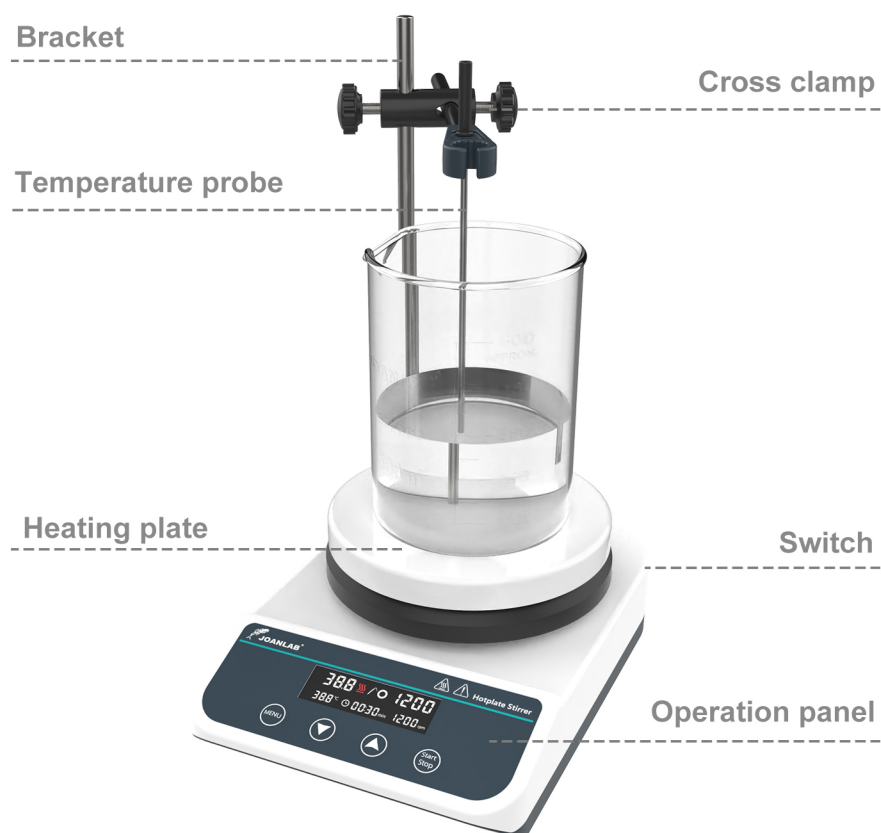
User manual

I: Product brief

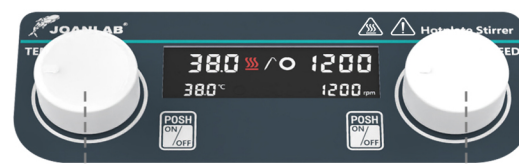
Joanlab heating magnetic stirrer adopts international advanced design concept and manufacturing technology. It has the advantages of smooth and beautiful shape, compact and firm structure, high versatility and simple operability. It is a rare instrument for scientific research and experiment.

This heating magnetic stirrer is mainly used to stir and heat low viscosity liquid or solid-liquid mixture

III: Product introduction



II: Product overview



Temperature control knob
Rotate the knob to set the temperature
Switch
Press the switch lightly to start/pause

Speed control knob
Rotate the knob to set the speed
Switch
Press the switch lightly to start/pause

IV: Product data

Model	HS5	HS5C	HS5Pro	HS8Pro
Product name	Hotplate Magnetic Stirrer			
Product Image				
Motor type	Brushless motor			
Maximum mixing capacity	2L(H2O)		5L(H2O)	
Speed range	200 -1500rpm	200 - 1500 rpm	50 -1500rpm	50-1500rpm
Timing	No	No	1min-12h	1min-12h
control mode	knob	Digital display & Knob	Digital display & Button	Digital display & Button& Knob
Stir bar size	30mm			40 mm
Plate size	φ 135mm			160*160 mm
Plate temperature	RT-260℃	RT-280℃	RT-310℃	RT - 310℃
Temperature sensor	No	Inside and outside PT1000		
Power	200W	300W	400W	500W
Voltage	AC 110V / AC 220V			
Product size	225*155*90 mm			285*180*90 mm

V: Correct usage

/// Basic usage

Application

> It is mainly used for stirring and heating liquid or solid-liquid mixture with low viscosity.

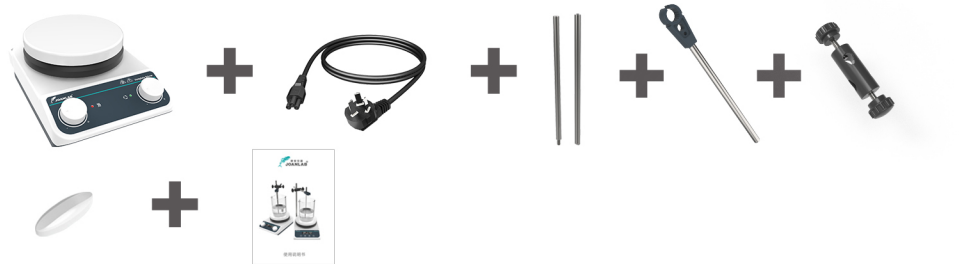
Usage

> It is widely used as experimental tools in Colleges and universities, environmental protection, health, epidemic prevention, chemical industry, tap waterand other units.

Delivery list

HS-5

>Power cord > Stainless steel bracket > Probe clamp rod > Cross clamp
> Stirrer > Instruction manual



HS-5C/HS-5Pro

>Power cord > Stainless steel bracket > Probe clamp rod > Cross clamp
>Probe > Stirrer > Instruction manual



HS8Pro

>Power cord > Stainless steel bracket > Probe clamp rod > Cross clamp
>Probe > Stirrer > Instruction manual



Steps for usage

HS-5(untimeable)

>Turn on the power

>Turn the left knob to adjust the heating power. The red light will light up and start heating. Rotate it to the left to turn off the heating function

>Adjust the speed with the right knob, turn the green light on to start mixing, turn it to the left, and turn off the mixing function

HS-5Pro(timable)

> Turn on the power

> Press the menu key to select the temperature, press the up and down keys to set, and the temp is adjusted to "--: --" without heating

> Press the menu key to select the number of revolutions, press the up and down keys to set, and the speed is adjusted to 00:00 without stirring

> Press the menu key to select the time, press the up and down keys to set, and the time is adjusted to "--: --" as long-term action (the time area of long-term action state will be hidden, Timing status (time is displayed)

>Press the stat / stop key to start / stop

HS-5C(untimeable)

>Turn on the power

>Rotate the left knob to adjust the temperature, and the right knob to adjust the speed

>Press any knob to start

HS-8Pro(timable)

> Plug in the power and turn on the switch
> The left knob adjusts the temperature, the right knob adjusts the speed
> After pressing the time button, use the knob to adjust the time.Click again to exit time settings
> After the lock button is pressed, the device is locked,All other buttons and knobs are inoperable to prevent accidental touching during experiments.
> Positive and negative rotation buttons switch stirring direction
> After the setting is completed, press the knob to start the device

▲ Instrument using environment

> Indoor use

> Altitude: ≤2000m

> The working temperature range of the instrument is +5℃~+40℃

> The applicable temperature range of the instrument is ≤80%

> There is no vibration and airflow that affect performance around

▲ Safety Precautions

> It is strictly forbidden to unplug and plug the power connector and toggle the power button when the hands are wet with liquid!

> It is strictly forbidden to unplug the power plug when the instrument is live!

> It is strictly forbidden to maintain and clean the instrument when it is powered on!

> It is strictly forbidden to install the instrument on an uneven, swaying and vibrating work surface!

Product conformity certificate

Product Name : **Hotplate Magnetic Stirrer**

Model number : ☐ HS5 ☐ HS5C ☐ HS5Pro ☐ HS8Pro

Production date : _____

Manufacturer : Joan Lab Equipment (Zhejiang) Co., Ltd.