



1295 Morningside Avenue, Unit 16-18  
Scarborough, ON M1B 4Z4 Canada  
Phone: 416-261-4865 Fax: 416-261-7879  
www.scigiene.com

## I: Product brief

Scigiene's heating magnetic stirrer adopts international advanced design concept and manufacturing technology. With its 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 mixtures.

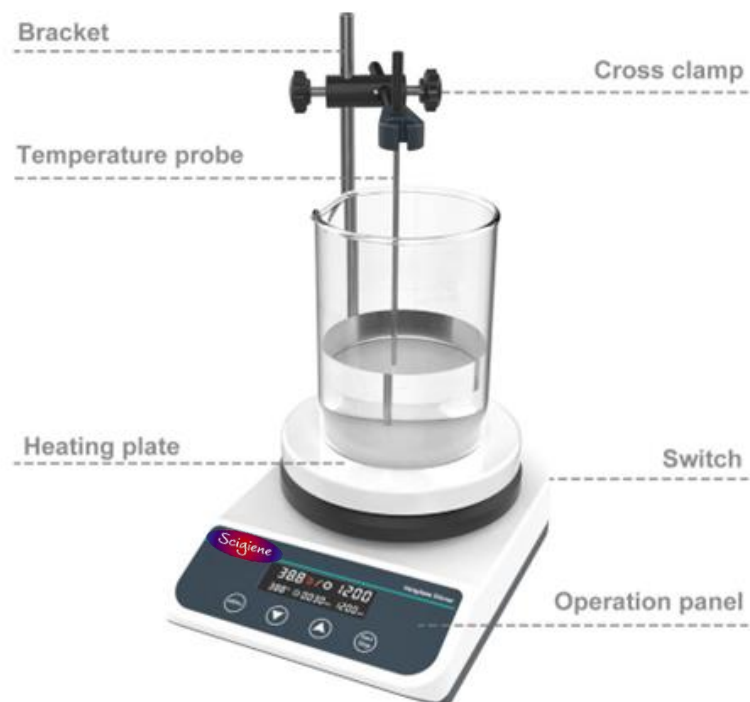


## HS5 Manual

## II: Product overview



### III: Product introduction



**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
Product name	Hotplate Magnetic Stirrer		
Product Image			
Motor type	Brushless motor		
Maximum mixing capacity	2L(H <sub>2</sub> O)		
Speed range	200 -1500rpm	50 - 1500 rpm	50 -1500rpm
Timing	No	No	1min-12h
control mode	knob	Digital display+knob	Digital display+buttons
Stir bar size	30mm		
Working plate	φ 135mm stainless steel ceramic coating		
Plate temperature	260°C	280°C	310°C
Temperature sensor	No	Inside and outside PT1000	
Power	120W	160W	220W
Voltage	AC 220V		
Product size	225*155*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 water, medical treatment and other units.

## Steps for usage

### HS-5

- > 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  
(Note: This model without timing function)

### HS-5C

- > 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  
(Note: This model without timing function)

### HS-5Pro

- > Turn on the power
- > Press the menu key to select the temperature, press the up and down keys to set, and the temperature 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

## ▲ 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!

## Delivery list

### HS-5

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



### HS-5C

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



### HS-5Pro

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

