



Mini Magnetic Stirrer
(Part #: MS2L, MS2LD, MS4LD)
User Guide

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I: Brief Introduction

Scigene magnetic stirrer adopts international advanced design concept and manufacturing technology. This product is compact and has a firm structure, high versatility and simple operation. The magnetic stirrer is an instrument mainly suitable for liquid, mainly used for stirring the low viscosity liquid or solid-liquid mixture.

II: Models



Part #: MS2L

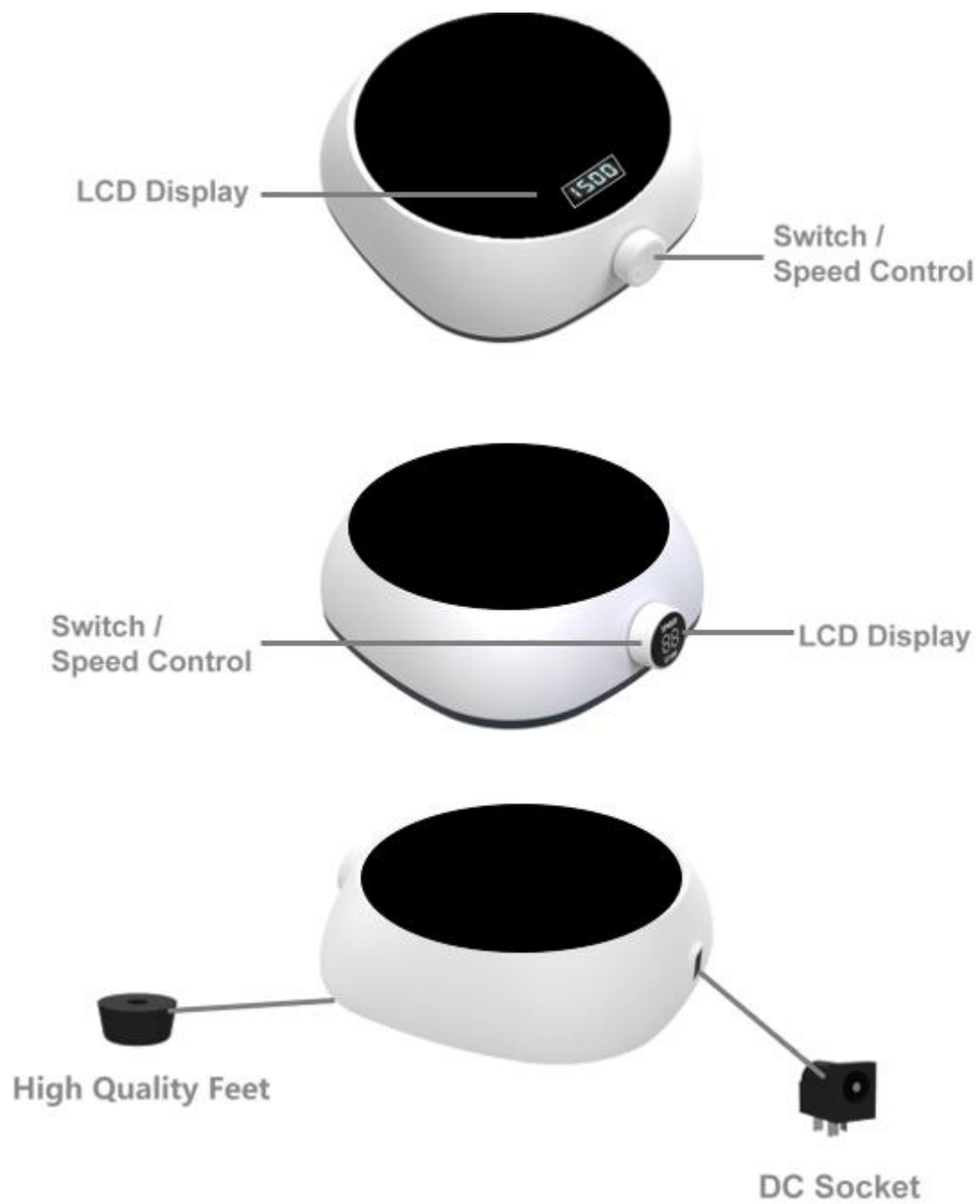


Part #: MS2LD



Part #: MS4LD

III: Product Introduction



IV: Technical Data

Model	MS2L	MS2LD	MS4LD
Control Type	Rotary knob	Rotary knob / LCD display	Digital knob control
Motor Type	Brushless motor	Brushless motor	Brushless motor
Working Plate Size	135 MM	135 MM	135 MM
Speed	350 - 1800 rpm	200 - 2000 rpm	200 - 2000 rpm
Max stirring volume	2L (H ₂ O)	2L (H ₂ O)	3L (H ₂ O)
Stir Bar Size	20 - 30 MM	20 - 30 MM	30 - 50 MM
Power	5W	5W	10W
Shell Protection Level	IP42	IP42	IP42
Voltage	100 - 240V, 50/60Hz	100 - 240V, 50/60Hz	100 - 240V, 50/60Hz
Allow Ambient Temperature	5 - 40°C, 80%RH	5 - 40°C, 80%RH	5 - 40°C, 80%RH

V: Operation Guide

Application

It is mainly used for molecular hybrid blood and other samples that need to be mixed.

Applied Area

It is widely used as an experimental tool in institutions of higher learning, environmental protection, sanitation, epidemic prevention, chemistry industry, tap water and medical treatment.

Using Steps

MS2L/MS2LD

- Plug in the instrument and turn knob to the right to turn on the power
- Rotate right to increase the speed and rotate left to decrease the speed
- Turn all the way to the left back to the starting position to turn off the power

MS4LD

- Plug in
- Select on the knob to adjust to the desired speed (the actual speed is the displayed value multiplied by 100)
- 2 seconds after releasing the knob, confirm the value with a beep and start to run
- If the value is adjusted to 0, the agitator will stop running

Instrument Use Environment

- Indoor use only
- Altitude: $\leq 2000\text{m}$
- The working temperature range of the instrument is $+5^{\circ}\text{C}\sim+40^{\circ}\text{C}$
- The applicable temperature range of the instrument is $\leq 80\%$
- There should be no vibration and airflow that affect performance
- There should be no conductive dust, explosive gas or corrosive gas in the surrounding air
- Keep a safety distance of 10cm before and after the instrument is working

Safety Precautions

- Do not unplug and plug the power connector or toggle the power button when your hands are wet with liquid
- Do not unplug the power plug when the instrument is powered on
- Do not clean the instrument when it is powered on
- Do not install the instrument on an uneven, swaying and vibrating work surface



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