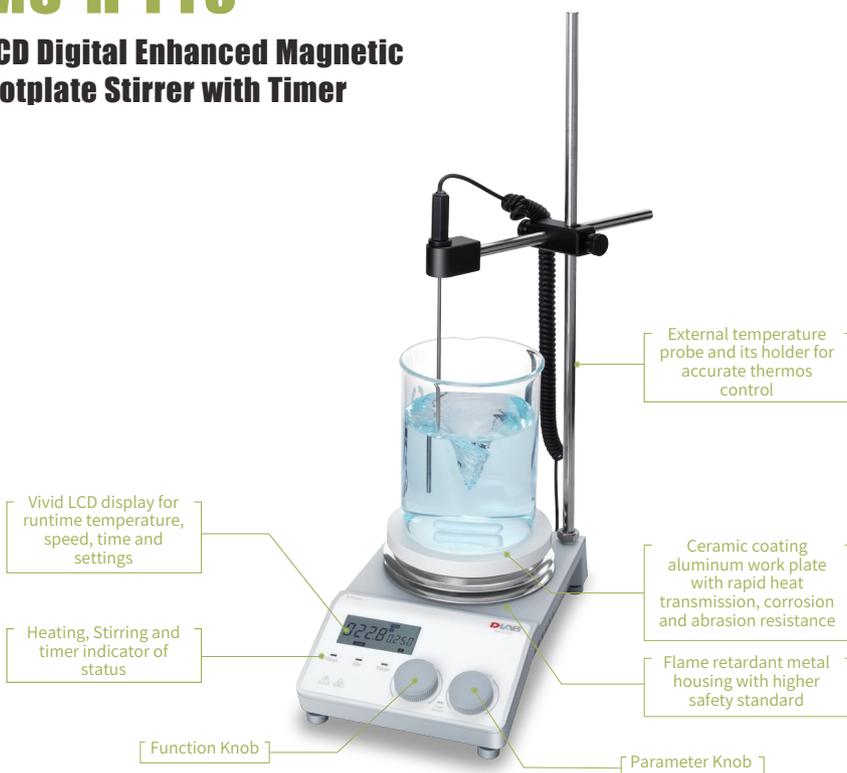


# MS-H-Pro<sup>M</sup>

## LCD Digital Enhanced Magnetic Hotplate Stirrer with Timer



## Features

- Enhanced magnets and powerful motors for outstanding performance in the stirring of viscous liquid.
- Smooth acceleration and deceleration for stable running without spillage
- Timer control from 1 minute to 99 hours and 59 minutes. When the time countdown completes, it will keep stirring but turn off heating to keep the sample safe from heat damage.
- Three heating modes for different demands: A) Fast heating; B) Standard heating; C) Steady heating.
- “HOT” warning flashes on the LCD display if the work plate temperature is above 50 °C after the user turn off the power switch.
- Two independent safety circuits keep monitoring the instrument. When overheating is detected and the sensor malfunctions, it will stop heating and sound alarm; When short circuit is detected, it will cut off the power to ensure the human safety.
- Can be connected to PC with remote control.



Specifications	MS-H-Pro <sup>M</sup>
Work plate dimension	Ø135mm (5 inch)
Work plate material	Aluminum with ceramic coating
Motor type	Brushless DC motor
Stirring positions	1
Max. stirring quantity (H <sub>2</sub> O)	20L
Max. magnetic bar [length]	80mm
Motor rating output	15W
Speed range	100-1500rpm
Speed display	LCD
Temperature display	LCD
Heating temperature range	Room temperature ~ 340°C, increment 1°C
Temperature control accuracy	±1°C(<100°C), ±1%(>100°C)
Overheating protection	420°C
Temperature display resolution	0.1°C
External temperature sensor	PT1000 (accuracy±0.2°C)
"Hot" warning	50°C
Data connection	RS232
IP protection class	IP21
Timer range	1min-99h59min
Motor rating output	10W
Total power	720W
Heating power	600W
Voltage, Frequency	100~120/200~240V, 50/60Hz
Dimensions (WxDxH)	160x280x100mm
Weight	2.8kg
Permissible ambient temperature and humidity	5-40°C, 80% RH