



MS-H280-Pro Round ceramic coated Steel Hotplate/Stirrer  
Camlab MS-H280-Pro+ magnetic hotplate stirrer, simple basic hotplate stirrer for general lab use. Supplied with: Stirrer bar measuring Length 50mm x diameter 8mm.

## Product Details

The Camlab MS-H280-Pro+ digital hotplate stirrer has a 135mm ceramic coated stainless steel round top plate and 3L maximum stirring capacity. The hotplate stirrer features a digital control system, which makes it ideal for applications in physical and chemical analysis and biotech labs.

## Features

- Heating temperature up to 280 °C
- This device is capable of stirring upto 3L of liquid with a viscosity of upto 100mPas\*. It operates at speeds of between 200 and 1500 rpm, and can heat from room temperature to 280°C in precise 1 °C increments. \*For samples with a viscosity of 100-300mPas, it is recommended that the unit is operated at a speed of no more than 500-600rpm. For samples with a viscosity greater than 300mPas, we recommend the use of an overhead stirrer such as the Camlab Choice OS20-S, OS20-Pro or the OS40-Pro.
- Stirring range is 200-1500RPM
- Ceramic coated stainless steel round top plate offering an amount of chemical resistance but with even heating across the plate.
- Optional external PT1000 temperature sensor and support clamp are available with control accuracy of  $\pm 1$  °C, real-time control of the temperature of the stirred sample
- Dual LED display for simultaneous temperature and speed readings
- 50 °C 'HOT' warning text is shown on the LED display indicating residual hotplate temperature
- ABS casing with fire retardant material, give some chemical resistance to weak acid and alkali

## Specifications

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Work plate Dimension	φ135mm(5 inch)
Work plate material	stainless steel cover with ceramic
Motor type	Brushless DC motor
Motor rating input	5W
Motor rating output	3W
Power	515W
Heating output	500W
Voltage	100-120/200-240V 50/60Hz

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Stirring positions	1
Max. stirring quantity[H <sub>2</sub> O]	3L
Max. magnetic bar[length]	50mm
Speed range	200-1500rpm
Speed display	LED
Temperature display	LED
Speed display resolution	±1rpm
Heating temperature range	Room temp.-280, increment 1 °C
Control accuracy of work plate	±1 °C(<100 °C) ±1%(>100 °C)
Over heat Protection	320 °C
Temperature display accuracy	±1 °C
External temperature sensor	PT1000 (accuracy ±0.5 °C)
"Hot" warning	50 °C
Protection class	IP21
Dimension [W x D x H]	150×260×80mm
Weight	1.8kg
Permissible ambient temperature and humidity	5-40? 80%RH

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