

D LAB



**Agitador Magnético Digital 4 Posiciones
C/Calentador Rpm 200-1500 C/Máxima 3L
Modelo: MS-H280-S4**

Features

- 4/6 channels with independently control of start/stop, temperature, speed and display for better parallel experiment control.
- Ceramic coating aluminum work plate with fast heat transmission and strong resistance to corrosion.
- Powerful, rapid heating with accurate PID temperature control
- Spark-free DC brushless motor with extended life and no maintenance
- Compatible with various heating block or reaction vessels for a variety of application scenario
- Ultra space-saving with 4/6 channel integrated in one instrument
- “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.
- Reliable safety mechanism, compliant to IEC61010-1\UL61010-1\BSEN61010-1\CAN\CSA-C22.2NO.61010-1 and all other safety regulations of laboratory heating devices, competent with tasks without human surveillance.

Applications

The 4/6 channel hotplate magnetic stirrers are designed for parallel experiment and multiple parameter optimization, thus can serve as handy tools for Kjeldahl nitrogen determination, Soxhlet extraction and parallel synthesis, etc. They are ideal choices for test laboratories in food, animal feed, textile, soil, sewage, water treatment, pharmaceutical, polymerization, petroleum products, resin and plastic sectors. The user can handle 4 or 6 tests at the same time with stable performance, good reproducibility, high accuracy and easy operation.



MS-H280-S4

Specifications	MS-H280-S4
Work plate dimension	Ø134mm
Work plate material	Aluminum with ceramic coating
Motor type	Brushless DC motor
Motor rating output	5WX4
Heating power	600WX4
Total power	605WX4
Voltage, Frequency	100-120V,60Hz; 200-240V,50Hz
Stirring positions	4
Max. stirring quantity (H ₂ O)	3LX4
Max. stirring quantity (H ₂ O) per channel	3L
Max. magnetic bar [length]	40mm
Speed range	200-1500rpm
Speed control accuracy [rpm]	±20
Speed display	LCD
Temperature display	LCD
Heating temperature range	25-280°C
Overheating protection	420°C
Temperature display resolution	0.1°C
Temperature control accuracy	±1°C(<100°C), ±1%(>100°C)
External temperature sensor	PT1000 (accuracy±0.2°C)
IP protection class	IP21
Dimensions (WxDxH)	701X265X127mm
Weight	8.7Kg
Permissible ambient temperature and humidity	5~40°C, 80% RH

