ADITYA
SCIENTIFIC

Model HS3

Model HS2

Magnetic Stirrer

Magnetic Stirrer

HS2 (Analog Temperature Control)   HS3 (Digital Temperature Control)

ADITYA Magnetic Stirrers, HS2 & HS3 are highly chemical resistant to acid, alkali and oil. Ideal for all types of laboratory stirring and heating applications. High level of safety, thanks to the improved heat control technology. These stirrers give high level of reliability even at low speed and high temperatures. The stirring speed is controlled by electronic circuit and temperature is controlled by closed loop thermostat control.

Features

- Magnetic stirrers with new flat and round hot plate
- Highly reliable temperature control
- All units come with a heating power of 500 W for fast heating-up
- High-efficiency motor with low power consumption

- Hot plate temperature range: 50 - 250°C,
- Medium Temperature range: up to 200 °C
- Wide speed range up to 1400 rpm
- Excellent stirring results in volumes up to 20 L (H2O)
- Enhanced heavy-duty stirring magnet drives stirring bars with ease

- Maintenance-free motors with smooth start feature
- Safety logic for Auto Cut Off of heating plate temperature when using digital temperature controller optional available for this model.
- Stand support to save space and avoid additional accessories

Specifications

TECHNICAL DATA	HS2/HS3
Number of stirring positions	1/1
Stirring quantity max. (H20)[l]	20/20
Motor rating input [W]	17/17
Motor rating output [W]	20/20
Speed display	None/None
Speed range [1/min]	150 - 1400
Stirring bar length max. [mm]	80/80
Heat output [W]	500/500
Heating rate (1 l H2O) [K/min]	
Heating temperature range [°C]	40 – 200
Heat control accuracy [±K]	5/1
Temperature Control	Analog / Digital
Speed control	Step less
Safety Logic [°C]	300/300
Ext. temperature sensor	NIL / Temp. Probe
Set-up plate material	Aluminum alloy
Hot plate dimensions[mm]	148 diameter
Permissible ambient temperature [°C]	5 – 40
Voltage [V]	220 – 240
Frequency [Hz]	50
Power Input [W]	230