

# Stirring Heating Mantle-Overview

The JHMS Stirring Heating Mantle shares all the features of the standard JHM Heating Mantle, but has the added functionality of magnetic stirring. The solid state stirring circuitry is built into the base of the main housing and provides powerful stirring over a range of capacities and viscosities. The stir bar is seldom lost due to our “auto-recapture” function.

## Magnetic Stirring

The JHMS Stirring Heating Mantle has the added functionality of stirring which widens the range of applications. Stirring operation is simply achieved by placing the correct size stir bar into the flask, turning the stir control to the minimum speed and ramping up slowly. If the magnetic coupling to the stir bar is lost for any reason, the stir speed control should be reduced slightly and the auto-recapture switch can be activated.

## Key Features

- Accepts round bottom flasks from 50ml to 2 liters capacity
- Bi-directional stirring speeds up to 1400rpm
- Stir bar “auto-recapture” function
- Maximum element temperature 380°C
- Built-in energy regulator
- Replaceable insulated heater cartridge
- Indicator lamps for power and heater operation
- A chemically resistant polypropylene outer casing
- A grounded earth screen and double fuses for extra safety



Code	Capacity	Temperature	Stirrer Speed Range
JHMS-100	100ml	Up to 380°C	Up to 1400rpm
JHMS-250	250ml		
JHMS-500	500ml		
JHMS-1000	1000ml		
JHMS-2000	2000ml		

\*Product supply in 220V, 50/60Hz, UK Plugs.

\*Standard packing: Paper box