

## Cole-Parmer® MSHM-200 Heating and Stirring Electromantles

- Accepts round bottom flasks from 100ml to 5 litres capacity
- Bi-directional stirring speeds up to 2000rpm
- Stir bar “auto-recapture” function
- “Cool-to-touch” design
- Maximum element temperature 450°C
- Built-in energy regulator
- Replaceable insulated heater cartridge
- An easy to clean, powder coated aluminium outer casing
- Bracket for 1.3cm support rods (but not including the support rods)



## Technical Specification

Specification	MSHM-200-100, MSHM-200-250	MSHM-200-500, MSHM-200-1000	MSHM-200-5000
Flask capacity	100 - 250ml	500 - 1000ml	5000ml
Material	Aluminium outer case	Aluminium outer case	Aluminium outer case
Max element temperature	450°C	450°C	450°C
Dimensions (d x w x h), mm	260 x 175 x 133	220 x 220 x 170	320 x 320 x 220
Shipping weight, kg	0.75	1.5	2.75

## Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
100ml, 230v 50 / 60Hz, 75w UK and EU plug	36013-00	MSHM-200	MSHM-200-100	CMUA0100/CE
100ml, 115v 50 / 60Hz, 120w	36013-01	MSHM-200	MSHM-200-100-115	CMUA0100/CEX1
250ml, 230v 50 / 60Hz, 200w UK and EU plug	36013-02	MSHM-200	MSHM-200-250	CMUA0250/CE
250ml, 115v 50 / 60Hz, 200w	36013-03	MSHM-200	MSHM-200-250-115	CMUA0250/CEX1
500ml, 230v 50 / 60Hz, 280w UK and EU plug	36013-04	MSHM-200	MSHM-200-500	CMUA0500/CE
500ml, 115v 50 / 60Hz, 280w	36013-05	MSHM-200	MSHM-200-500-115	CMUA0500/CEX1
1000ml, 230v 50 / 60Hz, 380w UK and EU plug	36013-06	MSHM-200	MSHM-200-1000	CMUA1000/CE
1000ml, 115v 50 / 60Hz, 380w	36013-07	MSHM-200	MSHM-200-1000-115	CMUA1000/CEX1
2000ml, 230v 50 / 60Hz, 500w UK and EU plug	36013-08	MSHM-200	MSHM-200-2000	CMUA2000/CE
3000ml, 230v 50 / 60Hz, 500w UK and EU plug	36013-10	MSHM-200	MSHM-200-3000	CMUA3000/CE
5000ml, 230v 50 / 60Hz, 800w UK and EU plug	36013-12	MSHM-200	MSHM-200-5000	CMUA5000/CE
5000ml, 115v 50 / 60Hz, 800w	36013-13	MSHM-200	MSHM-200-5000-115	CMUA5000/CEX1

## Cole-Parmer® MSHM Series Heating & Stirring Electromantles - MSHM-200

The Cole-Parmer® MSHM-200 Electromantle shares all the features of the standard MHM-200 Electromantle, 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 MSHM-200 Electromantle 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.



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