

# Cole-Parmer®

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

- Accepts round bottom flasks from 50ml to 2 litres capacity
- Bi-directional stirring speeds up to 520rpm
- Stir bar “auto-recapture” function
- “Cool-to-touch” design
- Maximum element temperature 450°C
- Built-in energy regulator
- Replaceable insulated heater cartridge
- A chemically resistant polypropylene outer casing
- Bracket for 1.3cm support rods (but not including the support rods)



## Technical Specification

Specification	SHM-200-50, SHM-200-100, SHM-200-250	SHM-200-500, SHM-200-1000	SHM-200-2000
Flask capacity	50 - 250ml	500 - 1000ml	2000ml
Material	Polypropylene outer case	Polypropylene outer case	Polypropylene outer case
Max element temperature	450°C	450°C	450°C
Dimensions (d x w x h), mm	260 x 175 x 133	310 x 238 x 157	400 x 350 x 197
Shipping weight, kg	1.73	2.75	5.68

## Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
50ml, 230v 50 / 60Hz, 80w UK and EU plug	04641-05	SHM-200	SHM-200-50	EMA0050/CEB
50ml, 115v 50 / 60Hz, 96w	04641-00	SHM-200	SHM-200-50-115	EMA0050/CEBX1
100ml, 230v 50 / 60Hz, 80w UK and EU plug	04641-15	SHM-200	SHM-200-100	EMA0100/CEB
100ml, 115v 50 / 60Hz, 96w	04641-10	SHM-200	SHM-200-100-115	EMA0100/CEBX1
250ml, 230v 50 / 60Hz, 170w UK and EU plug	04641-25	SHM-200	SHM-200-250	EMA0250/CEB
250ml, 115v 50 / 60Hz, 210w	04641-20	SHM-200	SHM-200-250-115	EMA0250/CEBX1
500ml, 230v 50 / 60Hz, 220w UK and EU plug	04641-35	SHM-200	SHM-200-500	EMA0500/CEB
500ml, 115v 50 / 60Hz, 270w	04641-30	SHM-200	SHM-200-500-115	EMA0500/CEBX1
1000ml, 230v 50 / 60Hz, 320w UK and EU plug	04641-45	SHM-200	SHM-200-1000	EMA1000/CEB
1000ml, 115v 50 / 60Hz, 400w	04641-40	SHM-200	SHM-200-1000-115	EMA1000/CEBX1
2000ml, 230v 50 / 60Hz, 520w UK and EU plug	04641-55	SHM-200	SHM-200-2000	EMA2000/CEB
2000ml, 115v 50 / 60Hz, 595w	04641-50	SHM-200	SHM-200-2000-115	EMA2000/CEBX1

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

The Cole-Parmer® SHM-200 Electromantle shares all the features of the standard HM-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 SHM-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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