

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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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.