

# EMA Series

## Heating and Stirring Electromantle

The EMA Electromantle shares all the standard features of the standard EM 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 speed is easily adjusted and is bi-directional. The stir bar is seldom lost due to our "auto-recapture" function.

### Magnetic Stirring

The EMA stirring Electromantle has the added functionality of solution stirring which widens the range of applications. Stirring operation is simply achieved by placing the correct size 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 speed control should be reduced slightly and the auto-recapture switch can be activated.

### 50ml - 250ml Ordering Information

Dimensions (d x w x h), mm 260 x 175 x 133  
Shipping Weight, kg 1.73

Model	Capacity	Electrical Requirements
EMA0050/CEB	50ml	230V 50/60Hz, 80W
EMA0050/CEBX1	50ml	115V 50/60Hz, 96W
EMA0050/CEBX6*	50ml	230V 50/60Hz, 80W
EMA0100/CEB	100ml	230V 50/60Hz, 80W
EMA0100/CEBX1	100ml	115V 50/60Hz, 96W
EMA0100/CEBX6*	100ml	230V 50/60Hz, 80W
EMA0250/CEB	250ml	230V 50/60Hz, 170W
EMA0250/CEBX1	250ml	115V 50/60Hz, 210W
EMA0250/CEBX6*	250ml	230V 50/60Hz, 170W

### 500ml - 1000ml Ordering Information

Dimensions (d x w x h), mm 310 x 238 x 157  
Shipping Weight, kg 2.75

Model	Capacity	Electrical Requirements
EMA0500/CEB	500ml	230V 50/60Hz, 220W
EMA0500/CEBX1	500ml	115V 50/60Hz, 270W
EMA0500/CEBX6*	500ml	230V 50/60Hz, 220W
EMA1000/CEB	1000ml	230V 50/60Hz, 320W
EMA1000/CEBX1	1000ml	115V 50/60Hz, 400W
EMA1000/CEBX6*	1000ml	230V 50/60Hz, 320W

### 2000ml Ordering Information

Dimensions (d x w x h), mm 400 x 350 x 197  
Shipping Weight, kg 5.68

Model	Capacity	Electrical Requirements
EMA2000/CEB	2000ml	230V 50/60Hz, 520W
EMA2000/CEBX1	2000ml	115V 50/60Hz, 670W
EMA2000/CEBX6*	2000ml	230V 50/60Hz, 520W

\*Comes with EU Plug fitting

## Key Features

- Accepts flasks from 50ml to 2 litre capacity
- Bi-directional stirring speeds up to 520rpm
- Stir bar "auto-recapture" function
- 'Cool-to-the-touch' design
- Element temperature 450°C
- Built-in energy regulator
- Replaceable insulated heater cartridge
- A chemically resistant polypropylene outer casing
- A grounded earth screen and double fuses for added safety
- Clamps for 1.3cm diameter supports (not including support rods)



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