



## Multi (Extraction) Mantles

EME 3. EMEA 3, EME 6 and EMEA 6 Series

The EME & EMEA Multi (Extraction) Mantles are designed to heat between 3 & 6 round bottom flasks simultaneously. They are often used for extraction, but may be used wherever heating of multiple flasks is required.

**Page 26** EME 3 and EMEA 3 Multi (Extraction) Mantles

**Page 28** EME 6 and EMEA 6 Multi (Extraction) Mantles

# EME3 and EMEA3 Series

## 3 Recess Multi-Mantles

The Multi-Mantle with three recesses has a built-in electronic controller and offers a choice of heater only (EME3) or heater/stirrer (EMEA3) combination models. The vented case's unique air flow ensures that the case remains "cool-to-touch".

### For both heater only and heater/stirrer models

- Individual built-in solid state electronic controls enable easy regulation of the heater, while removing sparking associated with mechanical switching
- 3 x 12.7mm diameter support rods are included
- Round bottom flask capacity from 100ml to 1000ml at all 3 positions
- Top cover is polypropylene and external surfaces are powder coated giving good general chemical resistance
- Coiled heating element is suspended within a thermal insulating cartridge to provide maximum heat transfer and support.
- Earth (ground) screen encloses the heater for added safety
- Individual heater cartridges are replaceable
- Neon lamps indicate when power is on and supplied to heaters and supplied to stirrers

### Additionally for heater/stirrer EMEA3 models

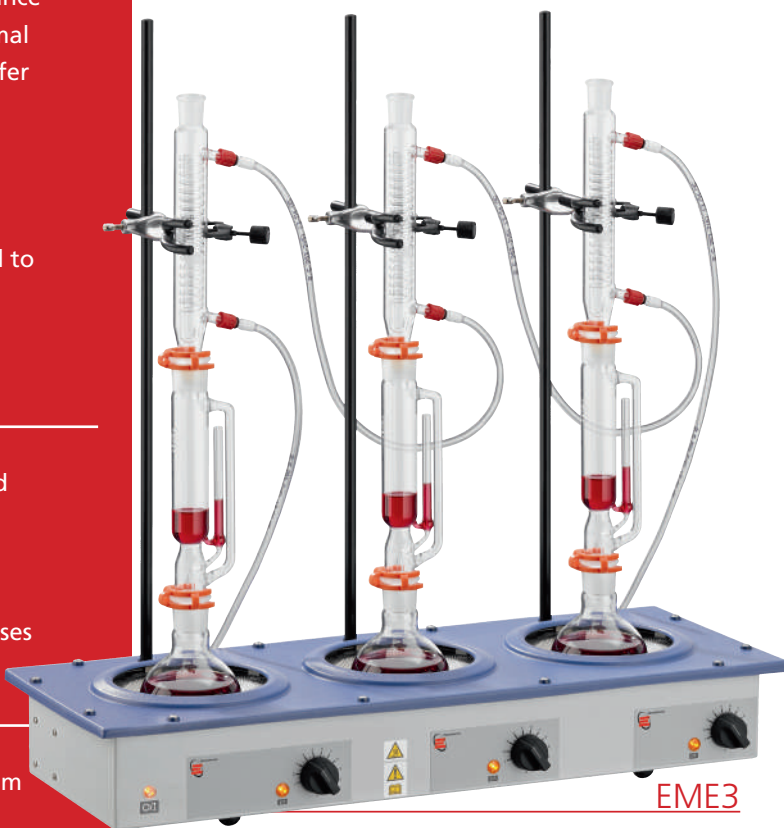
- Heater/stirrer model allows the solution to be stirred and heated simultaneously
- Stirrer models provide a choice of stirring speeds of between 50 to 1000rpm
- One stirring control operates each set of three recesses

### Technical Specification

Material	Polypropylene top on powder-coated aluminium
Max element temperature	450°C



EME3



EMEA3

# EME3 and EMEA3 Series

## 3 Recess Multi-Mantles

### Ordering Information

#### Heater models

Model	No. of Recesses	Flask Capacity	Electrical Requirements	Dimensions (d x w x h), mm	Shipping Weight
EME3 0100/CEB	3	3 x 100ml	230V 50/60Hz, 180W	260 x 630 x 90	6.2kg
EME3 0100/CEBX1	3	3 x 100ml	115V 50/60Hz, 210W	260 x 630 x 90	6.2kg
EME3 0100/CEBX6	3	3 x 100ml	230V 50/60Hz, 180W, EU Plug	260 x 630 x 90	6.2kg
EME3 0250/CEB	3	3 x 250ml	230V 50/60Hz, 450W	260 x 630 x 90	6.2kg
EME3 0250/CEBX1	3	3 x 250ml	115V 50/60Hz, 450W	260 x 630 x 90	6.2kg
EME3 0250/CEBX6	3	3 x 250ml	230V 50/60Hz, 450W, EU Plug	260 x 630 x 90	6.2kg
EME3 0500/CEB	3	3 x 500ml	230V 50/60Hz, 600W	260 x 630 x 90	7.4kg
EME3 0500/CEBX1	3	3 x 500ml	115V 50/60Hz, 600W	260 x 630 x 90	7.4kg
EME3 0500/CEBX6	3	3 x 500ml	230V 50/60Hz, 600W, EU Plug	260 x 630 x 90	7.4kg
EME3 1000/CEB	3	3 x 1000ml	230V 50/60Hz, 900W	260 x 630 x 90	7.4kg
EME3 1000/CEBX1	3	3 x 1000ml	115V 50/60Hz, 900W	260 x 630 x 90	7.4kg
EME3 1000/CEBX6	3	3 x 1000ml	230V 50/60Hz, 900W, EU Plug	260 x 630 x 90	7.4kg

### Ordering Information

#### Heater/Stirrer models

Model	No. of Recesses	Flask Capacity	Electrical Requirements	Dimensions (d x w x h), mm	Shipping Weight
EMEA3 0100/CE	3	3 x 100ml	230V 50/60Hz, 220W	260 x 630 x 90	6.2kg
EMEA3 0100/CEX1	3	3 x 100ml	115V 50/60Hz, 220W	260 x 630 x 90	6.2kg
EMEA3 0100/CEX6	3	3 x 100ml	230V 50/60Hz, 220W, EU Plug	260 x 630 x 90	6.2kg
EMEA3 0250/CE	3	3 x 250ml	230V 50/60Hz, 490W	260 x 630 x 90	6.2kg
EMEA3 0250/CEX1	3	3 x 250ml	115V 50/60Hz, 490W	260 x 630 x 90	6.2kg
EMEA3 0250/CEX6	3	3 x 250ml	230V 50/60Hz, 490W, EU Plug	260 x 630 x 90	6.2kg
EMEA3 0500/CE	3	3 x 500ml	230V 50/60Hz, 640W	260 x 630 x 90	7.4kg
EMEA3 0500/CEX1	3	3 x 500ml	115V 50/60Hz, 640W	260 x 630 x 90	7.4kg
EMEA3 0500/CEX6	3	3 x 500ml	230V 50/60Hz, 640W, EU Plug	260 x 630 x 90	7.4kg
EMEA3 1000/CE	3	3 x 1000ml	230V 50/60Hz, 940W	260 x 630 x 90	7.4kg
EMEA3 1000/CEX1	3	3 x 1000ml	115V 50/60Hz, 940W	260 x 630 x 90	7.4kg
EMEA3 1000/CEX6	3	3 x 1000ml	230V 50/60Hz, 940W, EU Plug	260 x 630 x 90	7.4kg

# EME6 and EMEA6 Series

## 6 Recess Multi-Mantles

The Multi-Mantle with 6 recesses has a built-in electronic controller and offers a choice of heater only (EME6) or heater/stirrer (EMEA6) combination models.

The vented case's unique air flow ensures that the case remains "cool-to-touch".



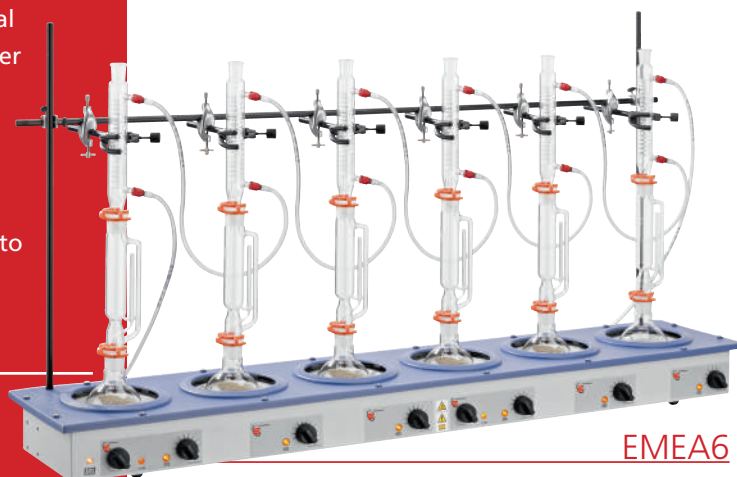
EME6

### For both heater only & heater/stirrer models

- Individual built-in solid state electronic controls enable easy regulation of heater, while removing sparking associated with mechanical switching
- 3 x 12.7mm diameter support rods are included
- Round bottom flask capacity from 100ml to 1000ml at all 6 positions
- Top cover is polypropylene and external surfaces are powder coated giving good general chemical resistance
- Coiled heating element is suspended within a thermal insulating cartridge to provide maximum heat transfer and support
- Earth (ground) screen encloses the heater for added safety
- Individual heater cartridges are replaceable
- Neon lights indicate when power is on and supplied to heaters and supplied to stirrers

### Additionally for heater/stirrer EMEA6 models

- Heater/stirrer model allows the solution to be stirred and heated simultaneously
- Includes a choice of stirring speeds of between 50 to 1000rpm
- One stirring control operates each set of six recesses



EMEA6

### Technical Specification

Material	Polypropylene top on powder-coated aluminium
Max element temperature	450°C

# EME6 and EMEA6 Series

6 Recess Multi-Mantles

## Ordering Information

### Heater models

Model	No. of Recesses	Flask Capacity	Electrical Requirements	Dimensions (d x w x h), mm	Shipping Weight
EME6 0100/CEB	6	6 x 100ml	230V 50/60Hz, 420W	260 x 1200 x 90	10.1kg
EME6 0100/CEBX1	6	6 x 100ml	115V 50/60Hz, 360W	260 x 1200 x 90	10.1kg
EME6 0100/CEBX6	6	6 x 100ml	230V 50/60Hz, 420W, EU Plug	260 x 1200 x 90	10.1kg
EME6 0250/CEB	6	6 x 250ml	230V 50/60Hz, 900W	260 x 1200 x 90	10.1kg
EME6 0250/CEBX1	6	6 x 250ml	115V 50/60Hz, 900W	260 x 1200 x 90	10.1kg
EME6 0250/CEBX6	6	6 x 250ml	230V 50/60Hz, 900W, EU Plug	260 x 1200 x 90	10.1kg
EME6 0500/CEB	6	6 x 500ml	230V 50/60Hz, 1200W	260 x 1200 x 90	12.5kg
EME6 0500/CEBX1	6	6 x 500ml	115V 50/60Hz, 1200W	260 x 1200 x 90	12.5kg
EME6 0500/CEBX6	6	6 x 500ml	230V 50/60Hz, 1200W, EU Plug	260 x 1200 x 90	12.5kg
EME6 1000/CEB	6	6 x 1000ml	230V 50/60Hz, 1800W	260 x 1200 x 90	12.5kg
EME6 1000/CEBX1	6	6 x 1000ml	115V 50/60Hz, 1800W	260 x 1200 x 90	12.5kg
EME6 1000/CEBX6	6	6 x 1000ml	230V 50/60Hz, 1800W, EU Plug	260 x 1200 x 90	12.5kg

## Ordering Information

### Heater/Stirrer models

Model	No. of Recesses	Flask Capacity	Electrical Requirements	Dimensions (d x w x h), mm	Shipping Weight
EMEA6 0100/CE	6	6 x 100ml	230V 50/60Hz, 500W	260 x 1200 x 90	10.1kg
EMEA6 0100/CEX1	6	6 x 100ml	115V 50/60Hz, 440W	260 x 1200 x 90	10.1kg
EMEA6 0100/CEX6	6	6 x 100ml	230V 50/60Hz, 500W, EU Plug	260 x 1200 x 90	10.1kg
EMEA6 0250/CE	6	6 x 250ml	230V 50/60Hz, 980W	260 x 1200 x 90	10.1kg
EMEA6 0250/CEX1	6	6 x 250ml	115V 50/60Hz, 980W	260 x 1200 x 90	10.1kg
EMEA6 0250/CEX6	6	6 x 250ml	230V 50/60Hz, 980W, EU Plug	260 x 1200 x 90	10.1kg
EMEA6 0500/CE	6	6 x 500ml	230V 50/60Hz, 1280W	260 x 1200 x 90	12.5kg
EMEA6 0500/CEX1	6	6 x 500ml	115V 50/60Hz, 1280W	260 x 1200 x 90	12.5kg
EMEA6 0500/CEX6	6	6 x 500ml	230V 50/60Hz, 1280W, EU Plug	260 x 1200 x 90	12.5kg
EMEA6 1000/CE	6	6 x 1000ml	230V 50/60Hz, 1880W	260 x 1200 x 90	12.5kg
EMEA6 1000/CEX1	6	6 x 1000ml	115V 50/60Hz, 1880W	260 x 1200 x 90	12.5kg
EMEA6 1000/CEX6	6	6 x 1000ml	230V 50/60Hz, 1880W, EU Plug	260 x 1200 x 90	12.5kg



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