

Heating

Stirrer Mantles

Electrothermal

- ◆ Stepless speed control up to approximately 520rpm with auto-reverse facility
- ◆ Time proportional, arbitrarily-scaled heater control
- ◆ Fitted with retort rod clamp for 12.7mm rod (Model EMA2000/CE has three clamps)

Stirrer Mantles EMA Series

As described. For 220-240V 50/60Hz a.c. single phase supplies. Without support rod or magnetic stirrer bar.

	Ref. EMA-	Capacity ml	Rating W
HE300-15	0050/CEB	50	80
HE300-20	0100/CEB	100	80
HE300-25	0250/CEB	250	170
HE300-30	0500/CEB	500	220
HE300-40	1000/CEB	1000	320
HE300-45	2000/CEB	2000	520

Replacement Heaters, REMA Series.

For 220-240V 50/60Hz a.c. single phase supplies.

	For mantle, ml		For mantle, ml
HE304-15	50	HE304-30	500
HE304-20	100	HE304-40	1000
HE304-25	250	HE304-45	2000

3-in-1 Mantle

- ◆ PTFE-coated, spun aluminium outer case
- ◆ Maximum temperature 400°C
- ◆ Accommodates 250ml, 500ml or 1000ml capacity round bottom flasks
- ◆ Solid-state external power control with arbitrary scale, 'Power-on' and 'Heater-on' indicator lamps
- ◆ Dual circuit heating element which can be switched
- ◆ Safety earth ground screen for greater safety

As described. Supplied with solid state external power control, safety earth ground screen over the element and retort rod holder. For 230V 50/60Hz a.c. single phase supplies.

HE310-40 Model CMUT1000/CE

Stirrer bars – see *Stirrers* section.



HE300



HE310-40 in use



HE330 in use

Modular Mantles

Electrothermal

Comprises control module for stirring and heating with choice of interchangeable heater cartridges for 250ml, 500ml or 1000ml flasks.

- ◆ Maximum temperature 400°C
- ◆ Stirring range 100 to 800rpm
- ◆ Digital temperature and stirring speed displays
- ◆ Capacitance Touch Control panel
- ◆ Countdown timer, from 99 hours 59 minutes switches off heating after set period
- ◆ Supplied with temperature probe which allows direct sample temperature monitoring from ambient +5°C to 220°C only via probe socket in control module
- ◆ Retort rod mounting provided at rear of housing

Modular Mantles OMNIMANTLE Mk II Series

As described. The control module is supplied with one of a choice of 250ml, 500ml or 1000ml interchangeable flexible heater cartridges with earth screen, magnetic stirrer bar, mains lead and instructions. Overall 235 x 330 x 190mm W x D x H. Weight 3.1kg. For 230V 50/60Hz single phase supplies.

	Ref. OMCA-	Capacity ml
HE330-10	0250	250
HE330-15	0500	500
HE330-20	1000	1000

Spare Temperature Probe

For insertion directly into the fluid being heated, so that its temperature can be read and adjusted directly from the control unit. Pt100 sensor with lead and plug. Maximum operating temperature 250°C.

HE332-08 Probe AZ140940

Accessory/spare Heater Cartridges

For 230V 50/60Hz a.c. single phase supplies.

	For mantle, ml
HE334-25	250
HE334-30	500
HE334-40	1000

Support rods – see *SL400* series.

Bossheads and clamps - see *SL600/SL700* series