

Heating

Stirrer Mantles

Cole-Parmer®

an antylia scientific company

- ◆ 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 SHM-200-2000 has three clamps)

Stirrer Mantles SHM-200 series

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

	Ref. SHM-200	Capacity ml	Rating W
HE300-15	-50	50	80
HE300-20	-100	100	80
HE300-25	-250	250	170
HE300-30	-500	500	220
HE300-40	-1000	1000	320
HE300-45	-2000	2000	520

Replacement Heaters.

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

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

MHM-200-MV, 3-in-1 Mantle

- ◆ PTFE-coated, spun aluminium outer case
- ◆ Maximum temperature 400°C
- ◆ Accommodates 250ml, 500ml or 1000ml capacity round bottom flasks
- ◆ Built-in 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 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 MHM-200-MV (formerly CMUT1000/CE)

Stirrer bars – see *Stirrers* section.

Modular Mantles

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

- ◆ 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 SHM-250D-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. SHM-250D-	Capacity ml
HE330-10	250	250
HE330-15	500	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 Spare probe

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



HE300



HE310-40 in use



HE330 in use