

Heating

MHM-100- Series Heating Mantles

Cole-Parmer®

an antylia scientific company

- ◆ Capacities from 100ml up to 5 litres
- ◆ PTFE coated, spun aluminium outer case
- ◆ Accessory exterior or built-in controller models
- ◆ Safety screen. This earth (ground) screen is pre-formed in stainless steel and fitted above the element. It is earthed (grounded) directly to the supply cable
- ◆ Maximum element temperature 450°C
- ◆ Flexible heater cartridge. The heating elements are suspended in a thermal insulating former making for quick and simple replacement
- ◆ Standard fittings. All models incorporate the flexible heater cartridge, earth screen, non-skid feet and are double fused

Standard Models, Uncontrolled

Maximum temperature 450°C. Incorporating heater cartridge, earthed screen and internal fuses. 50ml to 1 litre sizes have a single support rod clamp for rods up to 12.7mm dia., 2 litre to 5 litres sizes have paired clamps to hold a single rod. For 230V 50/60Hz a.c. single phase supplies. It is essential that these mantles are used with an external controller, EE500-20. Formerly CMU-series.

	Ref. MHM-100-	Capacity, ml	Rating, W
HE400-20	100	100	100
HE400-25	250	200-250	200
HE400-30	500	500	280
HE400-40	1000	1000	380
HE400-60	5000	5000	300 + 500*

*Dual heating element model.

Replacement Heater Element Cartridges

Maximum 450°C. For 230V 50/60Hz single phase supplies.

	For Mantle, ml	Rating, W
For uncontrolled HE400-series		
HE475-20	100	100
HE475-25	250	200
HE475-30	500	280
HE475-40	1000	380

*Dual circuit element.

Spare heater element cartridges are available for HE400-40 to -60 - details on request (serial number required).

Controller, CN-200-2300

Bimetallic, non-linear controller for controlling up to 1200W load, maximum current 5A. With arbitrary scaled controls and an amber neon on the output circuit. Supplied with flying leads for input and output connection. The case has a wing screw fitting for mounting the controller on a 12.7mm diameter retort/scaffolding rod. Overall 240 x 140 x 90mm W x D x H. For 200-250V 50/60Hz a.c. single phase supplies.

EE500-20 CN-200-2300



HE400



EE500-20