

Cole-Parmer® EME/EMEA Multi-Position Electromantles

Cole-Parmer®

Each mantle position has an independent heater, allowing liquids with different boiling points to be heated alongside each other, up to a maximum element temperature range of 450°C. Each independent heater has its own control dial, on/off switch, and indicator light. If applicable, the light also indicates power supplied to stirring function. Regulating the heat on these multiposition extraction mantles is simple using the built in solid state electronic controls. The lower part of the unit containing the control equipment is safely separated from the upper heating elements by a well ventilated air space.



- Accept round bottom flasks ranging from 100 to 1000mL
- Quartz heating element is housed in a thermally insulated cartridge for easy replacement, extending the life of the heater
- Powder coated aluminum surfaces and polypropylene top cover ensure good chemical resistance and easy cleanup
- Unique vented airflow ensures the case remains cool to the touch
- Heat your solutions simultaneously in each position
- Robust construction permits continuous operation of the mantles as required by routine extraction tests
- Stir speeds of 50 to 1000RPM in stirred versions

Code	Alt Ref	Model	No. of Places	Flask Size, mL	Stirrer	Power, W	Dims, w x d x h, mm	Price
EXT1000	03076-01	EME30100/CEB	3	100	No	180	640 x 270 x 110	£864.00
EXT1001	03076-13	EME30100/CE	3	100	Yes	220	640 x 270 x 110	£1585.00
EXT1002	03076-04	EME30250/CEB	3	250	No	450	640 x 270 x 110	£973.00
EXT1003	03076-16	EME30250/CE	3	250	Yes	490	640 x 270 x 110	£1585.00
EXT1004	03076-07	EME30500/CEB	3	500	No	600	755 x 285 x 130	£1114.00
EXT1005	03076-19	EME30500/CE	3	500	Yes	640	755 x 285 x 130	£1702.00
EXT1006	03076-10	EME31000/CEB	3	1000	No	900	755 x 285 x 130	£1108.00
EXT1007	03076-22	EME31000/CE	3	1000	Yes	940	755 x 285 x 130	£1742.00
EXT1010	03076-25	EME60100/CEB	6	100	No	420	1210 x 270 x 110	£1375.00
EXT1011	03076-37	EME60100/CE	6	100	Yes	500	1210 x 270 x 110	£2688.00
EXT1012	03076-28	EME60250/CEB	6	250	No	900	1210 x 270 x 110	£1583.00
EXT1013	03076-40	EME60250/CE	6	250	Yes	980	1210 x 270 x 110	£2484.00
EXT1014	03076-31	EME60500/CEB	6	500	No	1200	1450 x 285 x 130	£1725.00
EXT1015	03076-43	EME60500/CE	6	500	Yes	1280	1450 x 285 x 130	£2999.00
EXT1017	03076-46	EME61000/CE	6	1000	Yes	1880	1450 x 285 x 130	£3086.00

Cole-Parmer® Digital Temperature Controller

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Versatile benchtop digital heating controller can be used in three ways: in on/off mode with the hysteresis loop controlling power switching, as a PID controller, or simply as a temperature measuring device using a probe. Sample temperatures are displayed on an easy to read LED display. Included PTFE covered thermometer probe is suitable for measurements up to 250°C. There is a 5 pin DIN socket on the controller for the probe.

- Rugged zinc die cast outer housing is suitable for benchtop use or wall mounting
- Rear clamp accepts a standard 1/2" rod to mount on a support stand or frame
- Three digit LED display allows you to set a 1°C resolution over a range of -10 to 800°C
- Front panel up/down controls make for easy programming
- Operates on 230V AC
- Includes platinum RTD thermometer probe (250°C max), wall mounting bracket, and power cord



Code	Alt Ref	Model	Temp Range, °C	Accuracy, °C	Dims, w x d x h, mm	Weight, kg	Price
HEA5260	32587-00	MC810B	-10 to 800	±2	120 x 100 x 80	1.1	£703.00

PT100 Temperature Probes

Code	Alt Ref	Model	Description	Max Temp, °C	Temp Accuracy, °C	Dims, Ø x l, mm	Material	Price
HEA5262	32577-94	AZ6706	2 wire, class A	400	±0.15	5 x 280	Uncoated stainless steel	£234.00
HEA5264	32587-98	AZ6741	2 wire, class B	800	±0.3	7 x 140	Stainless steel with porcelain sheath	£360.00