

# CMU

## Uncontrolled Mantles

CMU Uncontrolled Electromantles are used in wet chemistry to heat liquids in round bottom flasks. The metal case is designed to remain "cool-to-the-touch" when in operation. Electrothermal heating mantles have a grounded stainless steel earth screen covering the element and are double fused for added safety. The CMU Electromantles are CE and CSA approved for 115V models.

### Technical Specification

Material	Aluminum powder-coated case
Max Element Temperature	450°C

### 50ml - 250ml Ordering Information

Dimensions (d x w x h), mm	175 x 175 x 150
Shipping Weight, kg	0.75

Model	Capacity	Electrical Requirements
CMU0050/E	50ml	230V 50/60Hz, 75W
CMU0050/EX1	50ml	115V 50/60Hz, 75W
CMU0050/EX6*	50ml	230V 50/60Hz, 75W
CMU0100/E	100ml	230V 50/60Hz, 100W
CMU0100/EX1	100ml	115V 50/60Hz, 100W
CMU0100/EX6*	100ml	230V 50/60Hz, 100W
CMU0250/E	250ml	230V 50/60Hz, 200W
CMU0250/EX1	250ml	115V 50/60Hz, 200W
CMU0250/EX6*	250ml	230V 50/60Hz, 200W

### 500ml - 1000ml Ordering Information

Dimensions (d x w x h), mm	220 x 220 x 170
Shipping Weight, kg	1.5

Model	Capacity	Electrical Requirements
CMU0500/E	500ml	230V 50/60Hz, 280W
CMU0500/EX1	500ml	115V 50/60Hz, 280W
CMU0500/EX6*	500ml	230V 50/60Hz, 280W
CMU1000/E	1000ml	230V 50/60Hz, 380W
CMU1000/EX1	1000ml	115V 50/60Hz, 380W
CMU1000/EX6*	1000ml	230V 50/60Hz, 380W

\*230V models with X6 suffix come with EU plug fitting

## Key Features

- Valuable for fume hood or remote working
- Must be used with a controller; the MC5 & MC242 Controllers are our recommended ones
- Round bottom flask capacity of between 50ml - 5000ml
- "Cool-to-the-touch" design
- Element temperature up to 450°C
- Indicator lamps for power and heater operation
- Replaceable insulated heater cartridge
- An easy to clean, powder coated aluminium outer casing
- Non-skid feet and support rod clamps (not including support rod)
- Added safety features such as a grounded earth screen and double fuses
- CSA approved for 115V models



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