

Колбонагреватели СМУ

Технические характеристики

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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.

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
CMUA0050/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
CMUA0250/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
- Built-in energy regulator
- 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
- Added safety features such as a grounded earth screen and double fuses
- Automatic cut-off if liquid is spilled to protect the user from electric shocks
- CSA approved



CMU
Uncontrolled Mantle

Uncontrolled Mantles

2000ml - 5000ml Ordering Information

Dimensions (d x w x h), mm 320 x 320 x 220
 Shipping Weight, kg 2.75

CMU
 Uncontrolled Mantle



Model	Capacity	Electrical Requirements
CMU2000/E	2000ml	230V 50/60Hz, 500W
CMU2000/EX1	2000ml	115V 50/60Hz, 500W
CMU2000/EX6*	2000ml	230V 50/60HZ, 500W
CMU3000/E	3000ml	230V 50/60Hz, 500W
CMU3000/EX1	3000ml	115V 50/60Hz, 500W
CMU3000/EX6*	3000ml	230V 50/60HZ, 500W
CMU5000/E	5000ml	230V 50/60Hz, 800W
CMU5000/EX1	5000ml	115V 50/60Hz, 800W
CMU5000/EX6*	5000ml	230V 50/60Hz, 800W

CMU

Controlled Mantles

Electrothermal's metal-cased CMU Electromantles are the culmination of years of experience and continuous design improvement. These well-established products are used throughout many industries for a huge variety of applications. Today, we can confidently guarantee to give you quality products whose reliability and safety continue to make them market leaders.

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/CE	50ml	230V 50/60Hz, 75W
CMU0050/CEX1	50ml	115V 50/60Hz, 75W
CMU0050/CEX6	50ml	230V 50/60Hz, 75W, EU Plug
CMU0100/CE	100ml	230V 50/60Hz, 100W
CMU0100/CEX1	100ml	115V 50/60Hz, 100W
CMU0100/CEX6	100ml	230V 50/60Hz, 100W, EU Plug
CMU0250/CE	250ml	230V 50/60Hz, 200W
CMU0250/CEX1	250ml	115V 50/60Hz, 200W
CMU0250/CEX6	250ml	230V 50/60Hz, 200W, EU Plug

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/CE	500ml	230V 50/60Hz, 280W
CMU0500/CEX1	500ml	115V 50/60Hz, 280W
CMU0500/CEX6	500ml	230V 50/60Hz, 280W, EU Plug
CMU1000/CE	1000ml	230V 50/60Hz 380W
CMU1000/CEX1	1000ml	115V 50/60Hz, 380W
CMU1000/CEX6	1000ml	230V 50/60Hz, 380W, EU Plug

2000ml - 5000ml Ordering Information

Dimensions (d x w x h), mm 320 x 320 x 220
Shipping Weight, kg 2.75

Model	Capacity	Electrical Requirements
CMU2000/CE	2000ml	230V 50/60Hz, 500W
CMU2000/CEX1	2000ml	115V 50/60Hz, 500W
CMU2000/CEX6	2000ml	230V 50/60Hz, 500W, EU Plug
CMU3000/CE	3000ml	230V 50/60Hz, 500W
CMU3000/CEX1	3000ml	115V 50/60Hz, 500W
CMU3000/CEX6	3000ml	230V 50/60Hz, 500W, EU Plug
CMU5000/CE	5000ml	230V 50/60Hz, 800W
CMU5000/CEX1	5000ml	115V 50/60Hz, 800W
CMU5000/CEX6	5000ml	230V 50/60Hz, 800W, EU Plug

Key Features

- Round bottom flask capacity of between 50ml - 5000ml
- "Cool-to-the-touch" design
- Element temperature up to 450°C
- Built-in energy regulator
- Indicator lamps for power and heater operation
- Replaceable insulated heater cartridge
- An easy to clean, powder coated aluminium outer casing
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