

## Electrothermal Heating Mantles



### Metal Case (CM)



Model CM0050/CEX1

#### Product Description

- Unique air flow through ventilation slots beneath and around the rim and case keeps the exterior safe to touch.
- Flexible coiled heating element provides good heat transfer while absorbing shock minimizing risk of flask breakage.
- Heating element and insulation form an easily replaceable heating cartridge.
- A "Heater On" light indicates when power is being supplied to the heaters while a "Power On" light indicates when the power is on.
- All models are supplied with a support rod holder.

#### Top of the Line Metal Case Mantles!

- Aluminum housing is chemical resistant, tough, lightweight and easy to clean
- Built-in controller regulated element temperature to 450°C
- Replaceable heating cartridges

#### Basic CM

- Eight CM series mantles sizes available from 50 to 5000 ml.
- The stainless steel grounding screen provides added protection.

#### V-Shaped CMV

- The CMV are designed to provide versatile heating capabilities for a wide range of larger sized flasks and 60° funnel.
- The heating element is multi-circuit: when smaller vessels are being used the upper heating element can be switched off to avoid wastage and possible damage.
- A 3" (7.6 cm) diameter hole in the center of the base of the mantle enables a funnel to be heated allowing hot filtrations to occur.
- For more rigorous applications where spillage is likely to occur, a stainless steel 60° funnel and an anodized aluminum tray which fits under the mantle are available as accessories.
- Funnel is grounded to the mantle, enabling metal vessels to be heated.

#### ORDERING INFORMATION

Model #	Capacity ml	Electrical 50/60 Hz		Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)	US List Price
		Volts	Watts	W	H	D		
<b>Basic CM</b>								
CM0050/CEX1 <sup>1,2</sup>	50	115	72	9.25 (23.5)	4.5 (11.5)	13.6 (34.5)	2.6 (1.2)	\$297.00
CM0100/CEX1 <sup>1,2</sup>	100	115	72	9.25 (23.5)	4.5 (11.5)	13.6 (34.5)	2.6 (1.2)	\$309.00
CM0250/CEX1 <sup>1,2</sup>	250	115	150	9.25 (23.5)	4.5 (11.5)	13.6 (34.5)	2.6 (1.2)	\$327.00
CM0500/CEX1 <sup>1,2</sup>	500	115	200	11 (28)	5.5 (14)	15.4 (39)	4.4 (2.0)	\$351.00
CM1000/CEX1 <sup>1,2</sup>	1000	115	300	11 (28)	5.5 (14)	15.4 (39)	4.4 (2.0)	\$357.00
CM2000/CEX1 <sup>1,2</sup>	2000	115	500	15 (38.5)	7.5 (19)	19.5 (49.5)	8.4 (3.8)	\$472.00
CM3000/CEX1 <sup>1,2</sup>	3000	115	500	15 (38.5)	7.5 (19)	19.5 (49.5)	8.4 (3.8)	\$508.00
CM5000/CEX1 <sup>1,2</sup>	5000	115	300 + 500	15 (38.5)	7.5 (19)	19.5 (49.5)	8.4 (3.8)	\$531.00
<b>V-Shaped CM</b>								
CMV12/CLX1 <sup>1</sup>	2-12	115	500 + 500	19.8 (50.5)	24.2 (61.5)	11.2 (28.5)	13.2 (6)	\$1,061.00
CMV12/C <sup>1</sup>	2-12	230	500 + 500	19.8 (50.5)	24.2 (61.5)	11.2 (28.5)	13.2 (6)	\$1,061.00
CMV22/CLX1	5-22	115	800 + 350	24.8 (63)	29.1 (74)	15.7 (40)	17.6 (8)	\$1,406.00
CMV22/C <sup>1</sup>	5-22	230	800 + 350	24.8 (63)	29.1 (74)	15.7 (40)	17.6 (8)	\$1,406.00

<sup>1</sup> CE, <sup>2</sup> CSA