

METAL-HOUSED HEATING MANTLES

Features & Benefits

- ▶ Uniform heat distribution with round bottom flasks for temperatures up to 842°F (450°C)
- ▶ Chemical-resistant metal housing
- ▶ Safe to touch tabletop design
- ▶ Grounded for electrical safety
- ▶ Adjustable min/max heating for low/high volume contents
- ▶ Stir bar included with magnetic stirrer mantles
- ▶ Easy-to-use simple plug-and-play design
- ▶ Easy-to-clean
- ▶ Safe alternative to other heating methods like a Bunsen burner
- ▶ Suitable for high temperatures
- ▶ Durable, long life



Plug & Play



Temperatures
Up to
842°F (450°C)



(Models with crimped
ferrule leads)



with Magnetic Stirrer and Control

Specifications

Maximum Exposure Temperature: 842°F (450°C)

Outer Construction: Plastic coated chemical resistant housing

Voltage: 120 or 240 VAC

Power Cord: 5 ft (1.5 m) long with

- 120 VAC: 3-prong plug (NEMA 5-15P)
- 240 VAC: Crimped ferrule leads

IP Rating: IP20

Applications

- Heating and/or boiling liquid
- Distillation
- Chemical reactions
- Reflux set-ups
- Lab scale synthesis
- Storing culture media



with Control



without Control
external control required

METAL-HOUSED HEATING MANTLES

Heating basket provides uniform heat

Durable plastic-coated chemical resistant metal housing

Adjustable-speed stirring control (Max 1600 RPM)

On/off switch

LED heater-on indicator light

Egg-shaped magnetic stir bar (PTFE coated)

NEW!

5 ft (1.5 m) power cord with 3-prong plug (NEMA 5-15P) [120 V] or crimped ferrule leads [240 V]

Min/max heater control for low/high volume of flask contents

Time percentage on/off heater control

Ordering Information

WITH MAGNETIC STIRRER AND BUILT-IN CONTROLLER		WITH BUILT-IN CONTROLLER		NO CONTROLLER		Size (ml)	Total Watts
Part No.		Part No.		Part No.			
120 V		120 V	240 V	120 V	240 V		
-		HM0050MC1	HM0050MC2	HM0050MH1	HM0050MH2	50	60
HM0100MS1		HM0100MC1	HM0100MC2	HM0100MH1	HM0100MH2	100	110
HM0250MS1		HM0250MC1	HM0250MC2	HM0250MH1	HM0250MH2	250	165
HM0500MS1		HM0500MC1	HM0500MC2	HM0500MH1	HM0500MH2	500	220
HM1000MS1		HM1000MC1	HM1000MC2	HM1000MH1	HM1000MH2	1000	325
-		HM2000MC1	HM2000MC2	HM2000MH1	HM2000MH2	2000	545
-		HM3000MC1	HM3000MC2	HM3000MH1	HM3000MH2	3000	650
-		HM4000MC1	HM4000MC2	HM4000MH1	HM4000MH2	4000	815
-		HM5000MC1	HM5000MC2	HM5000MH1	HM5000MH2	5000	935
-		HM6000MC1	HM6000MC2	HM6000MH1	HM6000MH2	6000	1090

Replacement Stir Bar

Flask Size (ml)	Stir Bar Size in (mm)	Part No.
100	0.6 x 1.2 (15 x 30)	SB15X30
250	0.6 x 1.4 (15 x 35)	SB15X35
500	0.8 x 1.6 (20 x 40)	SB20X40
1000	0.8 x 2.0 (20 x 50)	SB20X50

Accessories



HCLAMP



GFCI01

Description	Part No.
Support clamp for laboratory frame rods (Accommodates up to a 13 mm diameter rod).	HCLAMP
Converts a standard outlet into a GFCI protected outlet. For 120 VAC use, max 15A.	GFCI01