

**MANTLE / BEAKER HEATING****Metal-Housed Heating Mantles**

(HM-MH | HM-MC | HM-MS Series)

- ▶ **Uniform heat distribution for round bottom flasks — Temperatures up to 842°F (450°C)**
- ▶ **Chemical resistant metal housing**
- ▶ **Safe to touch table-top design**
- ▶ **Grounded for electrical safety**
- ▶ **Adjustable min/max heating for low/high volume contents**
- ▶ **Stir bar included with magnetic stirrer mantles**

**Moisture and  
Chemical  
Resistant****with Magnetic Stirrer and Control****Benefits:**

- 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

**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

**Ingress Protection Rating:**

Metal housing: IP43

Heating element: IP00

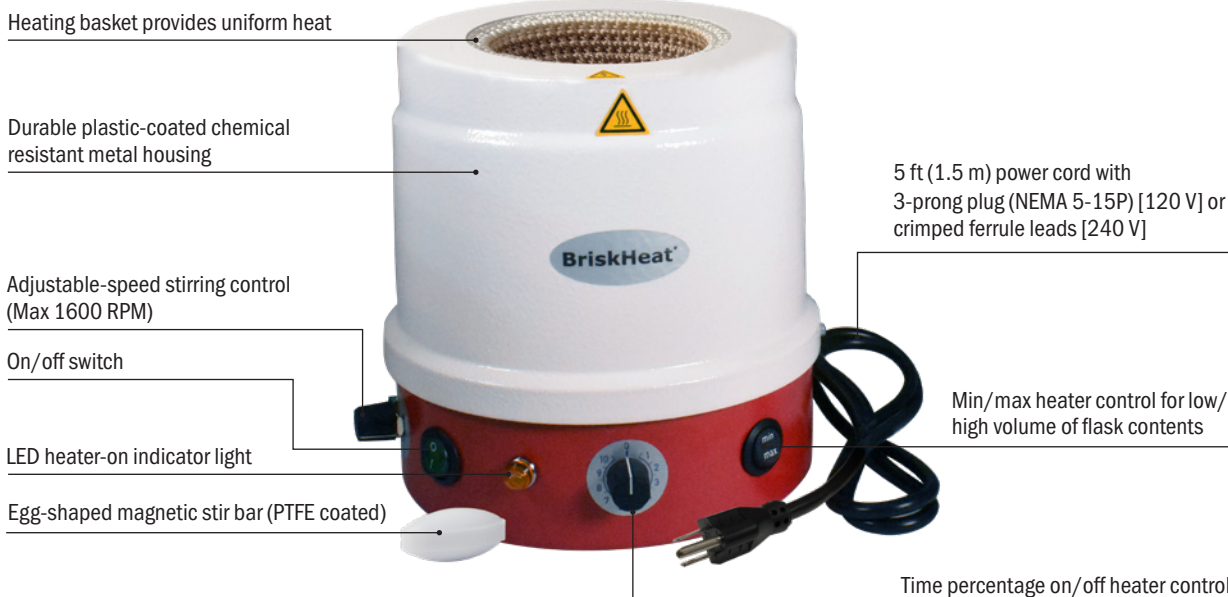
**Applications:**

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

**with Control****Without Control**  
external control required

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**Ordering Information:**

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

**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:**

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

