

BriskHeat® Your *Heating* Specialist since 1949

LABORATORY HEATERS FOR YOUR LABORATORY AND RESEARCH APPLICATIONS



METAL-HOUSED HEATING MANTLES

- ▶ Uniform heat distribution for round-bottom flasks
- ▶ Safe-to-touch thermal insulated housing
- ▶ Available with a built-in time percentage on/off controller
- ▶ Operating Temperature: Up to 450 °C (842 °F)

Part Number (with built-in controller)	Price	Part Number (without built-in controller)	Price	Size (ml)	Total Watts
120V		120V			
HM0050MC1	\$360.95	HM0050MH1	\$328.60	50	55
HM0100MC1	\$364.20	HM0100MH1	\$331.85	100	100
HM0250MC1	\$370.65	HM0250MH1	\$338.30	250	150
HM0500MC1	\$393.60	HM0500MH1	\$367.43	500	200
HM1000MC1	\$409.48	HM1000MH1	\$383.60	1,000	300
HM2000MC1	\$483.90	HM2000MH1	\$454.78	2,000	500
HM3000MC1	\$525.95	HM3000MH1	\$503.33	3,000	600
HM4000MC1	\$681.25	HM4000MH1	\$648.90	4,000	750
HM5000MC1	\$729.80	HM5000MH1	\$697.43	5,000	860
HM6000MC1	\$817.15	HM6000MH1	\$788.03	6,000	1,000

Accessory	Part No.	Price
Optional support clamp- Support clamp for laboratory frame rods. (Accommodates up to a 13 mm rod)	HCLAMP	\$27

NEW!



Heating basket

With Built-in Controller

IMPORTANT: Temperature controller is required for heaters without a built-in temperature controller.

METAL-HOUSED HEATING MANTLES WITH MAGNETIC STIRRER

- ▶ Designed to fit boiling & distilling-style round bottom flasks
- ▶ Built-in power controller and magnetic stirrer
- ▶ Includes stirring pellet
- ▶ 120 VAC nominal voltage

Ordering Information:

Part Number	Size (ml)	Watts	Price
HM0100MS1	100 mL	110	\$775
HM0250MS1	250 mL	165	\$809
HM0500MS1	500 mL	220	\$852
HM1000MS1	1000 mL	325	\$906

Accessory	Part No.	Price
Optional support clamp- Support clamp for laboratory frame rods. (Accommodates up to a 13 mm rod)	HCLAMP	\$27

NEW!



CUSTOM CLOTH HEATING BLANKETS

- ▶ **Easily heat and insulate chambers, reactors, pipe systems, gas lines, and more!**
 - Diameters as small as ¼" (6mm)
 - Flanges, VCR nuts, valves, unistruts, etc.
- ▶ **Any shape or size**
- ▶ **Uniform temperatures throughout entire line or component**
- ▶ **Easy on-off installation with durable and reusable hook and loop fasteners**
- ▶ **High temperature capabilities**
 - Up to 593°C (1,099°F)
- ▶ **Patented grounded heating element**

Free Design Services!

BriskHeat provides free engineering design and quotes for a solution to fit your exact heating needs. Contact your BriskHeat representative to learn more!



SILICONE RUBBER GRIFFIN BEAKER HEATERS



- ▶ **Provides even heat distribution for Griffin and standard beaker heating applications**
- ▶ **Easy-to-install and remove with hook and loop fastener. Provides easy-access to graduation.**
- ▶ **Moisture and chemical resistant**
- ▶ **Maximum exposure temperature up to 232°C (450°F)**

Ordering Information:

Part Number	Beaker Size (ml)	Watts	Voltage	Price
GBH0250-1	250	150	120 VAC	\$84
GBH0400-1	400	200	120 VAC	\$85
GBH0600-1	600	250	120 VAC	\$86
GBH1000-1	1000	350	120 VAC	\$89

IMPORTANT: Temperature controllers are required for heaters without a built-in temperature controller.

CLOTH HEATING MANTLES



- ▶ **Lower hemispherical heating mantle (other styles available)**
- ▶ **Uniform heat distribution for a variety of round bottom flasks**
- ▶ **Ideal for use with a basket ring stand**
- ▶ **Maximum exposure temperature up to 450°C (842°F)**

Ordering Information:

Part Number	Round Bottom Flask Size (ml)	Watts	Voltage	Price
HM0100-HS1	100	80	120 VAC	\$168
HM0250-HS1	250	180	120 VAC	\$171
HM0500-HS1	500	270	120 VAC	\$184
HM1000-HS1	1000	380	120 VAC	\$213
HM3000-HS1	3000	500	120 VAC	\$268
HM5000-HS1	5000	600	120 VAC	\$332

IMPORTANT: Temperature controllers are required for heaters without a built-in temperature controller.

XTREMEFLEX® HIGH TEMPERATURE HEATING TAPES

- ▶ Highly flexible and durable
- ▶ High watt density for rapid thermal response
- ▶ Maximum exposure temperature remove 760° C (1,400° F)

Ordering Information:

Part Number	Watts	Tape Width in (mm)	Tape Length ft (m)	Voltage	Price
BIH101010L	105	1 (2.5)	1 (0.3)	120VAC	\$57.00
BIH101020L	210	1 (2.5)	2 (0.6)	120VAC	\$73.00
BIH101040L	420	1 (2.5)	4 (1.2)	120VAC	\$84.00
BIH101060L	620	1 (2.5)	6 (1.8)	120VAC	\$104.00
BIH101080L	830	1 (2.5)	8 (2.4)	120VAC	\$124.00
BIH101100L	1045	1 (2.5)	10 (3.0)	120VAC	\$135.00
BIH101120L	1250	1 (2.5)	12 (3.6)	120VAC	\$149.00

Other standard sizes and voltages available

IMPORTANT: Temperature controllers are required for heaters without a built-in temperature controller.



XTREMEFLEX® HIGH TEMPERATURE HEATING CORDS

- ▶ Most flexible heater. Can be wrapped around objects as small as 1/8" (3mm) diameter
- ▶ Ideal for small tubes, vessels, or other applications where space is limited
- ▶ Rapid thermal response
- ▶ Maximum exposure temperature 760° C (1,400° F)

Ordering Information:

Part Number	Cord Length ft (m)	Watts	Voltage
HWC1040	4 (1.2)	266	120 VAC
HWC1060	6 (1.8)	350	120 VAC
HWC1120	12 (3.7)	750	120 VAC
HWC1180	18 (5.5)	1000	120 VAC
HWC1240	24 (7.3)	1440	120 VAC

IMPORTANT: Temperature controllers are required for heaters without a built-in temperature controller.

Need a custom solution?

We can provide you with a custom solution to fit the exact needs for all of your laboratory heating applications. Contact your BriskHeat representative to learn more!



XTREMEFLEX® SILICONE RUBBER HEATING TAPES

- ▶ Moisture and chemical resistant
- ▶ Exceptionally flexible
- ▶ Maximum exposure temperature 232 °C (450 °F)

Ordering Information:

Part Number	Watts	Tape Width in (mm)	Tape Length ft (m)	Voltage	Price
BS0051020L	52	1/2 (13)	2 (0.6)	120 VAC	\$73
BS0051040L	104	1/2 (13)	4 (1.2)	120 VAC	\$84
BS0051060L	156	1/2 (13)	6 (1.8)	120 VAC	\$90
BS0051080L	209	1/2 (13)	8 (2.4)	120 VAC	\$112
BS0101020L	104	1 (25)	2 (0.6)	120 VAC	\$90
BS0101040L	209	1 (25)	4 (1.2)	120 VAC	\$124
BS0101060L	313	1 (25)	6 (1.8)	120 VAC	\$142
BS0101080L	418	1 (25)	8 (2.4)	120 VAC	\$174

Other standard sizes and voltages available

IMPORTANT: Temperature controllers are required for heaters without a built-in temperature controller.



SILICONE RUBBER HEATING BLANKETS

- ▶ Suitable for large range of surfaces and objects
- ▶ Moisture, chemical, and radiation resistant
- ▶ Exposure temperature range: -51 °C to 232 °C (-60 °F to 450 °F)

Ordering Information:

Part Number	Watts	Width in (mm)	Length in (mm)	PSA Adhesive	Price
SRL06121	180	6 (152)	12 (305)	No PSA	\$75
SRL06121P	180	6 (152)	12 (305)	PSA	\$84
SRL06241	360	6 (152)	24 (610)	No PSA	\$99
SRL06241P	360	6 (152)	24 (610)	PSA	\$119
SRL12121	360	12 (305)	12 (305)	No PSA	\$99
SRL12241	720	12 (305)	24 (610)	No PSA	\$170
SRL12241P	720	12 (305)	24 (610)	PSA	\$195

Note: Plug not included

Other standard sizes and voltages available



IMPORTANT: Temperature controllers are required for heaters without a built-in temperature controller.



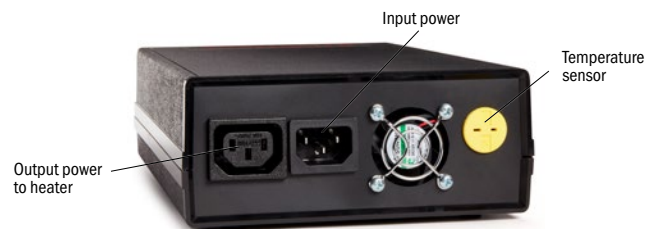
SDX PID DIGITAL TEMPERATURE CONTROLLERS

- ▶ **Advanced PID control**
- ▶ **Plug & Play design**
- ▶ **Includes C14 Plug for wiring to heater and 5-ft temperature sensor**

Ordering Information:

Part Number	Voltage	Sensor Type	Input Plug Type	Power Cord Part Number (Included)*	Price (EA)
SDXJA	100 - 125 VAC	Type-J T/C	NEMA 5-15		
SDXKA	100 - 125 VAC	Type-KT/C		40911	\$549
SDXRA	100 - 125 VAC	PT100-RTD			


*79 in (2 m) included
Standard 240 V models also available



HL101 DIGITAL BENCHTOP TEMPERATURE LIMIT CONTROLLERS

- ▶ **Adds high-limit cutoff safety to a wide range of applications**
- ▶ **Benchtop plug-and-play design**
- ▶ **5 ft power cord and 10 ft temperature sensor included**

Ordering Information:

Part No.	Voltage	Sensor Type	Temperature Display	Input Plug/ Output Receptacle	Price (EA)
HL120JA-F	115 VAC	Type-J T/C	°F	 NEMA 5-15	\$450
HL120KA-F	115 VAC	Type-KT/C	°F		
HL120JA-C	115 VAC	Type-J T/C	°C		
HL120KA-C	115 VAC	Type-KT/C	°C		

Standard 240 V models also available



OTHER HEATING SOLUTIONS



Heating Cables

Heating Tapes with built-in controls

Gas Cylinder Warmers

Drum & Pail Heaters

TOTE Tank/IBC Heaters

ABOUT BRISKHEAT

BriskHeat manufactures flexible surface heating products, controls, and accessories for unlimited applications.

Examples of our products include heating tapes, cables, blankets, drum and tote heaters, and cloth jackets. Industries that have found their solution with our heating products include petrochemical, semiconductor, food processing, biotech, aviation, steel, laboratory, power generation and many others.

BriskHeat has a broad range of experience solving your applications for freeze protection, viscosity control, condensation prevention, and process heat. We are the world-wide leader in flexible surface heat and heat trace applications

for piping, vessels, pumps, valves, and other objects. Additionally, we offer a full line of controller options.

Large projects or small, high volume or low, U.S. or world-wide, BriskHeat stands by to help you work through any surface or object heating issues you might encounter. With an accessible staff of sales and application engineers experienced at helping you find the most economical solution for your needs, BriskHeat is *your* heating specialist.

BriskHeat®

Your *Heating* Specialist since 1949



BriskHeat®

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