

BriskHeat® Heating Mantles and Beaker Heaters



Heating Mantle 13N549

Beaker Heater 13P744

- 120V, except 21TW61 is 240V
- Required Benchtop Temperature Controllers sold separately

Provide uniform heat across the surface of a flask or beaker.

HEATING MANTLES

- Max. temp: 850°F

Fiberglass liner is molded to fit snugly on round-bottom flasks. The heating element is topped by ceramic and wool insulation layers and a fiberglass cloth cover.

Lower Hemisphere—For use with basket ring stands. 3" lead wire with NEMA L1-15R connector and 4-ft. power adapter cord with NEMA 1-15 plug.

Spherical—Opening adjusts for 1-, 2-, or 3-neck flasks on these full-coverage zippered mantles for basket ring stand. 6-ft. cord with NEMA 1-15 plug, except 13N559 and 13N560 have 4-ft. cord.

BEAKER HEATERS

- Max. temp: 450°F

Heaters wrap around Griffin and standard beakers and are snugged in place with a hook-and-loop closure. The heating element is laminated between two layers of fiberglass-reinforced silicone rubber that is moisture- and chemical-resistant. 2-ft. power leads with 2-prong NEMA 1-15 plug.

Wattage	For Use With	Brand	Mfr. Model	Item No.
Lower Hemisphere Heating Mantles				
80	SDC120JC-A, SDC120JF-A,	Briskheat	HM0100-HS1	13N549
80	SDC120KC-A, SDC120KF-A	Briskheat	HM0125-HS1	13N550
80	Flasks	Chemglass	CG-10000-02	21UG46
270	SDC120JC-A, SDC120JF-A,	Briskheat	HM0500-HS1	13N553
380	SDC120KC-A, SDC120KF-A	Briskheat	HM1000-HS1	13N554
380	Flasks	Chemglass	CG-10000-08	21UG57
500	SDC120JC-A, SDC120JF-A,	Briskheat	HM2000-HS1	13N555
500	SDC120KC-A, SDC120KF-A	Briskheat	HM3000-HS1	13N556
600	SDC120KC-A, SDC120KF-A	Briskheat	HM5000-HS1	13N557
1300	TTD999-K120-TAKN10-DA	Briskheat	HM12000-HS1	13N558
Spherical Heating Mantles				
0/270	SDC120JC-A, SDC120JF-A,	Briskheat	HM0500-SS1	13N559
140/380	SDC120KC-A, SDC120KF-A	Briskheat	HM1000-SS1	13N560
Table Top Heating Mantle				
210	—	Briskheat	HM0500VF1	13N565
377	SDC120JC-A, SDC120JF-A,	Briskheat	HM1000VF1	13N566
550	SDC120KC-A, SDC120KF-A	Briskheat	HM3000VF1	13P742
620	—	Briskheat	HM5000VF1	13P743
Beaker Heaters				
150	—	Briskheat	GBH0250-2	21TW61
150	—	Briskheat	GBH0250-1	13P744
200	SDC120JC-A, SDC120JF-A,	Briskheat	GBH0400-1	13P745
250	SDC120KC-A, SDC120KF-A	Briskheat	GBH0600-1	13P746
350	—	Briskheat	GBH1000-1	13P747



Fiberglass 13P748



Silicone Rubber 13P849

BriskHeat® Heat Tape

- Suitable for electrically conductive surfaces
- Optional Benchtop Temperature Controllers sold separately

Provide fast, efficient direct-contact heating on any surface or body. CE Certified and RoHS Compliant.

Fiberglass Heat Tape—Heavy insulated tape is exceptionally flexible and durable and provides rapid thermal response. Has power leads on same end. High-temperature tie-downs for easy installation.

HSTAT Silicone Rubber Heating Tape—Include adjustable thermostat control. Rapid heat-up and thermal response.

Max. Temp.	Voltage	Wattage	W	L	Item No.	
Fiberglass Heat Tape						
120° F	120 V	105	0.5 in	24 in	13P748	
	120 V	209	1.75 in	24 in	13P760	
	120 V	210	0.5 in	4 ft	13P749	
	120 V	310	0.5 in	6 ft	13P750	
	120 V	313	2.5 in	24 in	13P765	
	120 V	418	1.75 in	4 ft	13P761	
900° F	120 V	420	0.5 in	8 ft	13P751	
	120 V	620	1 in	6 ft	13P756	
	120 V	627	1.75 in	6 ft	13P762	
	120 V	830	1 in	8 ft	13P757	
	120 V	836	1.75 in	8 ft	13P763	
	120 V	940	2.5 in	6 ft	13P767	
425° F	120 V	1,254	2.5 in	8 ft	13P768	
	120 V	1,672	3.25 in	8 ft	13P773	
	HSTAT Silicone Rubber Heating Tape					
	120 V	144	0.5 in	4 ft	13P849	
	120 V	216	0.5 in	6 ft	13P850	
	120 V	288	1 in	4 ft	13P854	
120 V	288	2 in	24 in	13P858		
120 V	360	0.5 in	10 ft	13P852		
120 V	432	1 in	6 ft	13P855		
120 V	720	1 in	10 ft	13P857		
120 V	1,440	2 in	10 ft	13P862		
240 V	144	1 in	24 in	21TX41		
240 V	720	1 in	10 ft	21TX45		
240 V	864	2 in	6 ft	21TX48		
240 V	1,440	2 in	10 ft	21TX50		
240 V	1,800	3 in	10 ft	21TX55		

BriskHeat® Temperature Controllers

- Accuracy: ±1% FS
- On/Off control
- 120VAC input

Benchtop—Digital controllers offer adjustable upper and lower setpoint limits. Factory-installed Type J or K thermocouple sensors. 5-ft. input and output



13P844

power cords have NEMA 5-15 plug and receptacle.

Outdoor—Mount vertically for outdoor use. Features audible alarm, Type K thermocouple, and 6-ft. input power cord.



21TV79

Description	Temp. Range	Thermocouple Type	Mfr. Model	Item No.
Benchtop Temperature Controllers	32° to 999°F/0° to 600°C	J	SDC120JF-A	13P844
	32° to 999°F/0° to 600°C	K	SDC120KF-A	13P846
	0° to 700°C	J	SDC120JC-A	13P845
	0° to 600°C	K	SDC120KC-A	13P847
Outdoor Temperature Controller	32 to 999°F	—	TTD999-K120	21TV79
Thermocouple, 60 mL	—	—	TAKN05-DA	21TV80

Lab ARMOR® THERMCO® DryTemp Dry Baths

- Temp. range: ambient +5° to 150°C
- Thermal uniformity (with lid): ±1.0°C at 95°C



DryTemp Bath with Bead Block

Dry baths feature digital temperature control. Combine with a bead block for optimal temperature uniformity and accuracy while incubating common lab vessels, including microfuge tubes, test tubes, microplates, and slides. Single bead block holds 0.25L of

beads. 3¼" L x 3" W x 3" H. Double bead block holds 0.5L of beads. 3¼" L x 6" W x 3" H.

GLASS THERMOMETERS

Designed for use with beaker heaters and water baths.

Description	H	W	D	Brand	Item No.
Dry Baths					
DryTemp Bath, 120V	3.2 in	8.7 in	10.3 in	Lab Armor	12L054
DryTemp Bath, 230V	3.2 in	8.7 in	10.3 in	Lab Armor	12L055
▶ CHOOSE: Color					
Bead Blocks and Beads					
Bead Block - Single	Black, Blue, Gold, Red, Silver			Lab Armor	H7280
Bead Block - Double	Black, Blue, Gold, Red, Silver			Lab Armor	H7281
Beads, 2L				Lab Armor	12L039
Beads, 4L				Lab Armor	12L040
Glass Thermometers For Block Heaters and Water Baths					
Liquid In Glass Thermometer	0° to 110°C	2°F	225 mm	Thermco	5ZPF7
Liquid In Glass Thermometer, Safety Coated	25° to 57°C	2°F	175 mm	Thermco	5ZPF5
Liquid In Glass Thermometer, Safety Coated	0° to 110°C	2°F	225 mm	Thermco	5ZPF8

Lab ARMOR® Bath with Beads Bead Dry Baths

Bath with Beads 12L046

- Temp. range: ambient +5° to 80°C
- Thermal uniformity: ±1.0°C @ 37°C
- Digital display

Bead baths are more energy efficient than water baths and provide precise, uniform temperature control. Protect samples from contamination and easily hold vessels upright in place. Safely incubate multiwell plates and petri dishes without water wicking under their lids.

Description	H	W	D	Item No.
120V				
Bead Bath, 6L	8.5 in	15.9 in	12.3 in	12L043
Bead Bath, 14L	8.5 in	15.9 in	18.5 in	12L045
Bead Bath, 20L	8.5 in	15.9 in	23.25 in	12L047
Bead Bath, 6L, includes 5L of Beads	8.5 in	15.9 in	12.3 in	12L042
Bead Bath, 14L, includes 12L of Beads	8.5 in	15.9 in	18.5 in	12L044
Bead Bath, 20L, includes 15L of Beads	8.5 in	15.9 in	23.25 in	12L046
230V				
Bead Bath, 6L	8.5 in	15.9 in	12.3 in	12L049
Bead Bath, 14L	8.5 in	15.9 in	18.5 in	12L051
Bead Bath, 20L	8.5 in	15.9 in	23.25 in	12L053
Bead Bath, 6L, includes 5L of Beads	8.5 in	15.9 in	12.3 in	12L048
Bead Bath, 14L, includes 12L of Beads	8.5 in	15.9 in	18.5 in	12L050
Bead Bath, 20L, includes 15L of Beads	8.5 in	15.9 in	23.25 in	12L052