

Electrothermal Heating Mantles



Soft-Jacketed (HM)



Spherical Mantle Model HM0500-SS1



Product Description

Spherical HM

- Covers top and bottom of the flask for improved efficiency.
- Flexible mantle is constructed of fiberglass cloth exterior.
- The top and bottom can fasten together.
- Temperature range from ambient to 482°C.
- Holds single or multiple-neck flask.
- Six models available to fit from 250 to 5000 ml flasks.
- Fits into very small places.

Compact Economical Cloth-Jacketed Mantles!

- Three types of mantle
- Temperature range to 482°C
- Flexible and soft

Hemispherical Bottom HM

- Covers bottom half of the flask so you can see the contents in the top of the flask.
- Flexible mantle is constructed of fiberglass cloth exterior.
- Temperature range from ambient to 482°C.
- Eleven models available from 50 to 12000 ml.
- Fits in very small spaces.
- Economically priced.

Hemispherical Top HM

- Flexible mantle is constructed of fiberglass cloth exterior.
- Opening holds single or multiple-neck flask
- Prevents vapor condensation on the interior of the flask.
- Temperature range from ambient to 482°C.

Hemispherical Mantle Bottom Model HM0250-HS1



Hemispherical Mantle Top Model HM0250-TS1



Mantles are supplied without controllers and require external temperature controls for improved safety. See controllers section on page 114.

Model CN45500



Model MC242X1



Electrothermal Heating Mantles



ORDERING INFORMATION

	Model #	Capacity (ml)	Volts	Electrical		Overall Dimensions Inches (cm)		Shipping Weight Lb. (kg)	US List Price
				Amps	Watts	H	Dia.		
Hemispherical Bottoms HM	HM0050-HS1	50	120	0.50	60	2 (5.1)	4 (10.2)	0.4 (.16)	\$93.00
	HM0100-HS1	100	120	0.67	80	2.25 (5.7)	4.5 (11.5)	0.4 (.16)	\$100.00
	HM0125-HS1	125	120	0.67	80	2.4 (6.1)	4.75 (12.1)	0.4 (.16)	\$106.00
	HM0200-HS1	200	120	0.83	100	2.6 (6.5)	5.1 (13)	0.8 (0.3)	\$111.00
	HM0250-HS1	250	120	1.50	180	2.7 (6.8)	5.4 (13.7)	0.8 (0.3)	\$117.00
	HM0500-HS1	500	120	2.25	270	3.1 (7.7)	6.1 (15.6)	0.8 (0.3)	\$126.00
	HM1000-HS1	1000	120	3.2	380	3.75 (9.5)	7.5 (19.1)	1 (0.4)	\$144.00
	HM2000-HS1	2000	120	4.2	500	4.2 (10.6)	8.4 (21.3)	1.8 (0.8)	\$156.00
	HM3000-HS1	3000	120	4.2	500	4.6 (11.8)	9.3 (23.5)	2 (0.9)	\$176.00
	HM5000-HS1	5000	120	5.0	600	5.4 (13.8)	10.9 (27.6)	2 (0.9)	\$204.00
	HM12000-HS1	12000	120	10.83	1300	6.8 (17.3)	13.6 (34.6)	3 (1.2)	\$424.00
	HM0050-HS2	50	230	0.25	60	2 (5.1)	4 (10.2)	0.4 (.16)	\$93.00
	HM0100-HS2	100	230	0.33	80	2.25 (5.7)	4.5 (11.5)	0.4 (.16)	\$100.00
	HM0125-HS2	125	230	0.33	80	2.4 (6.1)	4.75 (12.1)	0.4 (.16)	\$106.00
	HM0200-HS2	200	230	0.42	100	2.6 (6.5)	5.1 (13)	0.8 (0.3)	\$111.00
	HM0250-HS2	250	230	0.75	180	2.7 (6.8)	5.4 (13.7)	0.8 (0.3)	\$117.00
	HM0500-HS2	500	230	1.13	270	3.1 (7.7)	6.1 (15.6)	0.8 (0.3)	\$126.00
	HM1000-HS2	1000	230	1.58	380	3.75 (9.5)	7.5 (19.1)	1 (0.4)	\$144.00
	HM2000-HS2	2000	230	2.08	500	4.2 (10.6)	8.4 (21.3)	1.8 (0.8)	\$156.00
	HM3000-HS2	3000	230	2.08	500	4.6 (11.8)	9.3 (23.5)	2 (0.9)	\$176.00
HM5000-HS2	5000	230	5.42	1300	5.4 (13.8)	10.9 (27.6)	2 (0.9)	\$204.00	
HM12000-HS2	12000	230	5.42	1300	6.8 (17.3)	13.6 (34.6)	3 (1.2)	\$424.00	
Hemispherical Tops HM	HM0250-TS1	250	120	1.17	140	2.7 (6.8)	5.4 (13.7)	0.8 (0.3)	\$134.00
	HM0500-TS1	500	120	1.17	140	3.1 (7.7)	6.1 (15.6)	0.8 (0.3)	\$146.00
	HM1000-TS1	1000	120	1.17	140	3.75 (9.5)	7.5 (19.1)	1 (0.4)	\$168.00
	HM2000-TS1	2000	120	1.67	200	4.2 (10.6)	8.4 (21.3)	1.8 (0.8)	\$182.00
	HM3000-TS1	3000	120	1.67	200	4.6 (11.8)	9.25 (23.5)	2 (0.9)	\$193.00
	HM5000-TS1	5000	120	2.50	300	5.4 (13.8)	10.9 (27.6)	2 (0.9)	\$240.00
	HM0250-TS2	250	230	0.58	140	2.7 (6.8)	5.4 (13.7)	0.8 (0.3)	\$134.00
	HM0500-TS2	500	230	0.58	140	3.1 (7.7)	6.1 (15.6)	0.8 (0.3)	\$146.00
	HM1000-TS2	1000	230	0.58	140	3.75 (9.5)	7.5 (19.1)	1 (0.4)	\$168.00
	HM2000-TS2	2000	230	0.83	200	4.2 (10.6)	8.4 (21.3)	1.8 (0.8)	\$182.00
	HM3000-TS2	3000	230	0.83	200	4.6 (11.8)	9.25 (23.5)	2 (0.9)	\$193.00
	HM5000-TS2	5000	230	1.25	300	5.4 (13.8)	10.9 (27.6)	2 (0.9)	\$240.00
Spherical HM	HM0500-SS1	500	120	3.42	410	3.1 (7.8)	12.25 (31.1)	1.6 (0.6)	\$215.00
	HM1000-SS1	1000	120	4.33	520	3.75 (9.5)	15 (38.1)	2 (0.8)	\$374.00
	HM2000-SS1	2000	120	5.83	700	4.2 (10.6)	16.75 (42.6)	3.6 (1.5)	\$408.00
	HM0500-SS2	500	230	1.71	410	3.1 (7.8)	12.25 (31.1)	1.6 (0.6)	\$215.00
	HM1000-SS2	1000	230	2.17	520	3.75 (9.5)	15 (38.1)	2 (0.8)	\$374.00
	HM2000-SS2	2000	230	2.92	700	4.2 (10.6)	16.75 (42.6)	3.6 (1.5)	\$408.00
	Model #	Description							U.S. List Price
Support Rods for Heating Mantles	EES0200	Extension Support for 200 ml flask							\$30.00
	EES0300	Extension Support for 300 ml flask							\$33.00
	EES0500	Extension Support for 500 ml flask							\$37.00
	EES1000	Extension Support for 1000 ml flask							\$40.00
	EES2000	Extension Support for 2000 ml flask							\$43.00
	EES3000	Extension Support for 3000 ml flask							\$44.00
	EES5000	Extension Support for 5000 ml flask							\$45.00
	ERS0500	Ring Support for 500 ml flask							\$31.00
	ERS1000	Ring Support for 1000 ml flask							\$32.00
	ERS2000	Ring Support for 2000 ml flask							\$33.00
	ETS12000	Tripod Support for 12 L flask							\$62.00
	ETS3000	Tripod Support for 3000 ml flask							\$60.00
	ETS5000	Tripod Support for 5000 ml flask							\$61.00

* All units are CE and CSA marked