

**SciLab® Remotecontrolled Flask Heating Mantles, (1) 450°C Basic & (2) 650°C High Temp-type, 50ml~100Lit**  
 for Spherical Flask, with Nickel Chrome Heating Element, K-type Thermo-Sensor Integrated, with Certi. & Traceability, Option-Controller  
 라운드플라스크용 히팅맨틀, K-type 온도센서, Ni-Cr열선 내장, 자력교반기와 사용가능, 조절기 별도

- Made in Korea
- Ideal for All type Round Flask and Use with Magnetic Stirrer
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Optional Remote Thermo Controller, K-type Thermo-Sensor, and Nickel-Chrome Heating Element "Coil-type" : Acid Resistant & Long Life Time.
- Heating Mantles for 50ml~6,000ml Flask are with a Device\* for Holding a Optional Stainless-steel Rod  $\phi 12.7$  mm for Article Support.



(1) 450°C Basic-type



(2) 650°C High Temp.-type



(1) 450°C Basic-type, 50ml~100Lit

- ① with Aluminum-case, 50~6000ml    ② with Powder-coated Steel-case, 10~100Lit

Flasks, ml Dia. $\phi$ mm	Mantle			Catalog No.	
	Watts (W)	Inside Depth	Outside $\phi \times H$ (mm)	with 230V	with 120V
50ml, $\phi 49 \sim 52$	90 W	30 mm	$\phi 145 \times H75$	SL.Man8070	SL.Man8070.1
100ml, $\phi 63 \sim 66$	90 W	50 mm	$\phi 145 \times H75$	SL.Man8071	SL.Man8071.1
250ml, $\phi 83 \sim 86$	160 W	50 mm	$\phi 145 \times H75$	SL.Man8072	SL.Man8072.1
500ml, $\phi 102 \sim 105$	250 W	55 mm	$\phi 190 \times H80$	SL.Man8073	SL.Man8073.1
1,000ml, $\phi 130 \sim 133$	350 W	85 mm	$\phi 190 \times H110$	SL.Man8074	SL.Man8074.1
2,000ml, $\phi 165 \sim 169$	490 W	105 mm	$\phi 270 \times H135$	SL.Man8075	SL.Man8075.1
3,000ml, $\phi 184 \sim 187$	600 W	110 mm	$\phi 270 \times H135$	SL.Man8077	SL.Man8077.1
4,000ml, $\phi 206 \sim 208$	750 W	135 mm	$\phi 325 \times H165$	SL.Man8078	SL.Man8078.1
5,000ml, $\phi 221 \sim 224$	850 W	130 mm	$\phi 325 \times H165$	SL.Man8079	SL.Man8079.1
6,000ml, $\phi 234 \sim 237$	850 W	130 mm	$\phi 325 \times H165$	SL.Man8080	SL.Man8080.1
10Lit, $\phi 278 \sim 282$	1,500 W	205 mm	$\phi 390 \times H240$	SL.Man8081	SL.Man8081.1
20Lit, $\phi 344 \sim 348$	2,000 W	220 mm	$\phi 460 \times H280$	SL.Man8082	SL.Man8082.1
50Lit, $\phi 489 \sim 494$	4,000 W	310 mm	$\phi 610 \times H390$	SL.Man8083	SL.Man8083.1
100Lit, $\phi 609 \sim 614$	6,000 W	370 mm	$\phi 740 \times H450$	SL.Man8084	SL.Man8084.1

(2) 650°C High Temp-type, 100ml~10Lit

- ① with Aluminum-case, 100~6000ml    ② with Powder-coated Steel-case, 10Lit

Flasks, ml Dia. $\phi$ mm	Mantle			Catalog No.	
	Watts (W)	Inside Depth	Outside $\phi \times H$ (mm)	with 230V	with 120V
100ml, $\phi 63 \sim 66$	160 W	50 mm	$\phi 145 \times H75$	SL.Man8090	SL.Man8090.1
250ml, $\phi 83 \sim 86$	250 W	50 mm	$\phi 145 \times H75$	SL.Man8091	SL.Man8091.1
500ml, $\phi 102 \sim 105$	350 W	55 mm	$\phi 190 \times H80$	SL.Man8092	SL.Man8092.1
1,000ml, $\phi 130 \sim 133$	490 W	85 mm	$\phi 190 \times H110$	SL.Man8093	SL.Man8093.1
2,000ml, $\phi 165 \sim 169$	600 W	105 mm	$\phi 270 \times H135$	SL.Man8094	SL.Man8094.1
3,000ml, $\phi 184 \sim 187$	750 W	105 mm	$\phi 270 \times H135$	SL.Man8096	SL.Man8096.1
4,000ml, $\phi 206 \sim 208$	850 W	125 mm	$\phi 325 \times H165$	SL.Man8097	SL.Man8097.1
5,000ml, $\phi 221 \sim 224$	1,500 W	130 mm	$\phi 325 \times H165$	SL.Man8098	SL.Man8098.1
6,000ml, $\phi 234 \sim 237$	1,500 W	130 mm	$\phi 325 \times H165$	SL.Man8099	SL.Man8099.1
10Lit, $\phi 278 \sim 282$	2,000 W	160 mm	$\phi 400 \times H260$	SL.Man8100	SL.Man8100.1

Optional Remote Controller

- (a) Analog Remote Controller, 5~100% of Rated Voltage, Up to 1.2kW  
 (b) Digital Remote Controller, Ambient +5 ~ 700°C,  $\pm 1^\circ\text{C}$  Uniformity at Set Temp.

Cat. No	
with 230V	with 120V
DH.WHM13500	DH.WHM23500
DH.WHM12500	DH.WHM22500

Optional Temp. Probes & Stand Rod, Holder, Clamp for Digital Temp. Remote Controller



- DH.WHP503040 Direct Contact Temp. Probe, K-type, "SS300", L250  $\times$   $\phi$  4.8 mm  
 DH.WHP503050 Direct Contact Temp. Probe, K-type, "SS400", L380  $\times$   $\phi$  4.8 mm  
 DH.WHP503041 Direct Contact Temp. Probe, K-type, "SS310", Teflon Coated, L250  $\times$   $\phi$  5 mm  
 DH.WHP503051 Direct Contact Temp. Probe, K-type, "SS410", Teflon Coated, L380  $\times$   $\phi$  5 mm  
 DH.WHP503037 (3) Stand Rod,  $\phi 12.7 \times L520$ mm, "RD300", for Heating Mantles  
 DH.WHP503012 (4) Holder & Clamp, "CL220", for Temp. Sensor

