

**DAIHAN<sup>®</sup> Remotecontrolled Reaction Vessel Heating Mantle, (1) Plain Bottom & (2) Bottom Outlet-type, 450°C, 100ml~100Lit**  
 With Nickel Chrome Heating Element, K-type Thermo-Sensor Integrated, with Certi. & Traceability, Option-Controller  
 반응조용 히팅맨틀, K-type 온도센서, Ni-Cr열선 내장, 자력교반기와 사용가능, 조절기 별도

- Powder-coated Steel Housing.
- 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) Plain Bottom-type Remotecontrolled Reaction Vessel Heating Mantle**

**(1) Plain Bottom-type**

Vessels, ml Dia. $\phi$ × H(cm)	Mantle			Catalog No.	
	Watts (W)	Inside Depth	Outside $\phi$ × h(cm)	with 230V	with 120V
100ml, $\phi$ 7 × H9	80 W	6.5cm	$\phi$ 14.5 × h11.0	DH.WHM8170	DH.WHM8170.1
250ml, $\phi$ 7 × H13	140 W	10.5cm	$\phi$ 14.5 × h14.0	DH.WHM8171	DH.WHM8171.1
500ml, $\phi$ 11 × H12	240 W	9.0cm	$\phi$ 19.0 × h13.5	DH.WHM8172	DH.WHM8172.1
1,000ml, $\phi$ 11 × H20	350 W	14.0cm	$\phi$ 19.0 × h16.5	DH.WHM8173	DH.WHM8173.1
2,000ml, $\phi$ 13 × H24	450 W	16.5cm	$\phi$ 19.0 × h19.0	DH.WHM8174	DH.WHM8174.1
2,000ml, $\phi$ 14 × H27	550 W	20.5cm	$\phi$ 20.6 × h22.0	DH.WHM8175	DH.WHM8175.1
3,000ml, $\phi$ 13 × H32	550 W	26.5cm	$\phi$ 19.0 × h29.0	DH.WHM8176	DH.WHM8176.1
4,000ml, $\phi$ 20 × H29	800 W	21.0cm	$\phi$ 27.0 × h22.5	DH.WHM8178	DH.WHM8178.1
5,000ml, $\phi$ 20 × H29	800 W	21.0cm	$\phi$ 27.0 × h22.5		
6,000ml, $\phi$ 21.5 × H32	800 W	24.5cm	$\phi$ 32.5 × h23.5	DH.WHM8179	DH.WHM8179.1
10Lit, $\phi$ 21.5 × H45	1400 W	32.0cm	$\phi$ 32.5 × h35.0	DH.WHM8180	DH.WHM8180.1
10Lit, $\phi$ 24 × H41	1400 W	32.0cm	$\phi$ 32.5 × h35.0	DH.WHM8181	DH.WHM8181.1
20Lit, $\phi$ 25 × H47	2000 W	40.0cm	$\phi$ 40.0 × h45.0	DH.WHM8182	DH.WHM8182.1
20Lit, $\phi$ 27 × H45	2000 W	35.0cm	$\phi$ 40.0 × h40.0	DH.WHM8183	DH.WHM8183.1
20Lit, $\phi$ 29 × H42	2000 W	35.0cm	$\phi$ 40.0 × h40.0	DH.WHM8184	DH.WHM8184.1
50Lit, $\phi$ 31.5 × H81	4000 W	70.0cm	$\phi$ 44.0 × h75.0	DH.WHM8185	DH.WHM8185.1
100Lit, $\phi$ 41.5 × H91	6000 W	75.5cm	$\phi$ 55.0 × h83.0	DH.WHM8186	DH.WHM8186.1

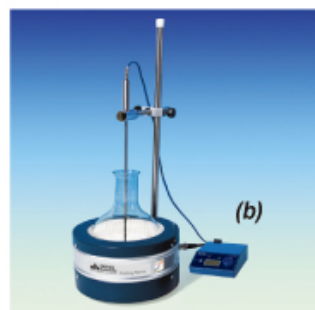


**(2) Bottom Outlet-type Remotecontrolled Reaction Vessel Heating Mantle**

**(2) Bottom Outlet-type / with Bottom Drain Valve PTFE**

\* Bottom Outlet Hole Size : L7.2 × W4.0cm(500~2,000ml) or L12.0 × W7.0cm(3,000ml~100Lit)

Vessels, ml Dia. $\phi$ × H(cm)	Mantle			Catalog No.	
	Watts (W)	Inside Depth	Outside $\phi$ × h(cm)	with 230V	with 120V
500ml, $\phi$ 11 × H12	240 W	8.5cm	$\phi$ 19.0 × h11.0	DH.WHM8190	DH.WHM8190.1
1,000ml, $\phi$ 11 × H20	350 W	14.0cm	$\phi$ 19.0 × h16.5	DH.WHM8191	DH.WHM8191.1
2,000ml, $\phi$ 13 × H24	450 W	16.5cm	$\phi$ 19.0 × h19.0	DH.WHM8192	DH.WHM8192.1
2,000ml, $\phi$ 14 × H27	550 W	16.5cm	$\phi$ 20.6 × h22.0	DH.WHM8193	DH.WHM8193.1
3,000ml, $\phi$ 13 × H32	550 W	26.5cm	$\phi$ 19.0 × h29.0	DH.WHM8194	DH.WHM8194.1
4,000ml, $\phi$ 20 × H29	800 W	21.0cm	$\phi$ 27.0 × h22.5	DH.WHM8196	DH.WHM8196.1
5,000ml, $\phi$ 20 × H29	800 W	21.0cm	$\phi$ 27.0 × h22.5		
6,000ml, $\phi$ 21.5 × H32	800 W	24.5cm	$\phi$ 32.5 × h23.5	DH.WHM8197	DH.WHM8197.1
10Lit, $\phi$ 21.5 × H45	1400 W	31.0cm	$\phi$ 32.5 × h35.0	DH.WHM8198	DH.WHM8198.1
10Lit, $\phi$ 24 × H41	1400 W	31.0cm	$\phi$ 32.5 × h35.0	DH.WHM8199	DH.WHM8199.1
20Lit, $\phi$ 25 × H47	2000 W	41.0cm	$\phi$ 40.0 × h45.0	DH.WHM8200	DH.WHM8200.1
20Lit, $\phi$ 27 × H45	2000 W	35.0cm	$\phi$ 40.0 × h40.0	DH.WHM8201	DH.WHM8201.1
20Lit, $\phi$ 29 × H42	2000 W	35.0cm	$\phi$ 40.0 × h40.0	DH.WHM8202	DH.WHM8202.1
50Lit, $\phi$ 31.5 × H81	4000 W	70.0cm	$\phi$ 44.0 × h75.0	DH.WHM8203	DH.WHM8203.1
100Lit, $\phi$ 41.5 × H91	6000 W	78.0cm	$\phi$ 55.0 × h83.0	DH.WHM8204	DH.WHM8204.1



<Ex.>  
 Heating Mantle Set with Temp. Probe and the Digital Feedback Temp. Controller "WHM - C10D"

**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. Probe & Stand Rod, Holder, Clamp for Digital Temp. Remote Controller**

- DH.WHP503040 Direct Contact Temp. Probe, K-type, "SS300", L250 ×  $\phi$  4.8 mm
- DH.WHP503050 "SS400", L380 ×  $\phi$  4.8 mm
- DH.WHP503041 Direct Contact Temp. Probe, K-type, "SS310", Teflon Coated, L250 ×  $\phi$  5 mm
- DH.WHP503051 Direct Contact Temp. Probe, K-type, "SS410", Teflon Coated, L380 ×  $\phi$  5 mm
- DH.WHP503037 (3) Stand Rod,  $\phi$  12.7 × L520mm, "RD300", for Heating Mantles
- DH.WHP503012 (4) Holder / Clamp / Clip, "CL220", for Temp. Sensor

(3) Stand Rod, "RD300",  $\phi$  12.7 × L520mm

(4) Holder / Clamp / Clip for Temp. Probe