

**DAIHAN® Aluminum-case Beaker Heating Mantle, (1) Basic & (2) Stirring-type, 450°C, 100~5,000ml**  
 With Built-in Temp Controller, with/without Mag-stir Speed Control, with Certi. & Traceability  
 비커용 히팅맨틀, 온도 조절기 내장, “기본형” 및 “자석교반형”, Ni-Cr열선 내장

- Made in Korea
- Ideal for All type Beaker
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Built-in Temp-Controller. Nickel-Chrome Heating Element “Coil-type” : Acid Resistant & Long Life Time.



(1) Basic-type Beaker Mantle with Controller

### (1) Basic-type Beaker Mantle, Built-in Temp. Controller

\* With a Device\* for Holding a Optional Stainless-steel Rod  $\phi$  12.7 mm for Article Support.

Beakers, ml Dia. $\phi$ mm	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi \times h$ (mm)	with 230V	with 120V	
100ml, $\phi$ 50~52	80 W	40 mm	$\phi$ 145 $\times$ h140	DH.WHM12141	DH.WHM12151	
250ml, $\phi$ 68~70	140 W	65 mm	$\phi$ 145 $\times$ h140	DH.WHM12142	DH.WHM12152	
400ml, $\phi$ 79~81	240 W	70 mm	$\phi$ 145 $\times$ h140	DH.WHM12143	DH.WHM12153	
600ml, $\phi$ 88~90	240 W	75 mm	$\phi$ 145 $\times$ h140	DH.WHM12144	DH.WHM12154	
800ml, $\phi$ 98~100	300 W	90 mm	$\phi$ 190 $\times$ h165	DH.WHM12145	DH.WHM12155	
1,000ml, $\phi$ 105~108	350 W	90 mm	$\phi$ 190 $\times$ h165	DH.WHM12146	DH.WHM12156	
2,000ml, $\phi$ 130~132	450 W	125 mm	$\phi$ 199 $\times$ h190	DH.WHM12147	DH.WHM12157	
3,000ml, $\phi$ 151~153	550 W	160 mm	$\phi$ 270 $\times$ h235	DH.WHM12148	DH.WHM12158	
4,000ml, $\phi$ 160~162	700 W	160 mm	$\phi$ 270 $\times$ h235	DH.WHM121481	DH.WHM121581	
5,000ml, $\phi$ 169~171	800 W	160 mm	$\phi$ 270 $\times$ h235	DH.WHM12149	DH.WHM12159	

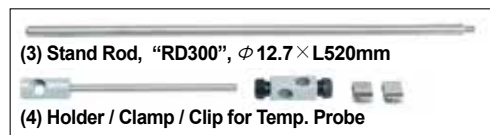


(2) Stirring-type Beaker Mantle with a Stir-Bar

### (2) Stirring-type Beaker Mantle, Built-in 50~75rpm Mag-stir Speed & Temp. Controller

- \* With a Device\* for Holding a Optional Stainless-steel Rod  $\phi$  12.7 mm for Article Support.
- \* With 1ea  $\times$  PTFE Octagonal Magnetic Stirrer Bar, L38mm

Beakers, ml Dia. $\phi$ mm	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi \times h$ (mm)	with 230V	with 120V	
100ml, $\phi$ 50~52	80 W	45 mm	$\phi$ 145 $\times$ h140	DH.WHM121601	DH.WHM121611	
250ml, $\phi$ 68~70	140 W	70 mm	$\phi$ 190 $\times$ h165	DH.WHM121602	DH.WHM121612	
400ml, $\phi$ 79~81	240 W	70 mm	$\phi$ 190 $\times$ h165	DH.WHM121603	DH.WHM121613	
600ml, $\phi$ 88~90	240 W	72 mm	$\phi$ 190 $\times$ h165	DH.WHM121605	DH.WHM121615	
1,000ml, $\phi$ 105~108	350 W	105 mm	$\phi$ 190 $\times$ h190	DH.WHM121606	DH.WHM121616	
2,000ml, $\phi$ 130~132	450 W	140 mm	$\phi$ 270 $\times$ h235	DH.WHM121607	DH.WHM121617	
3,000ml, $\phi$ 151~153	550 W	140 mm	$\phi$ 270 $\times$ h235	DH.WHM121608	DH.WHM121618	
4,000ml, $\phi$ 160~162	700 W	170 mm	$\phi$ 325 $\times$ h270	DH.WHM121609	DH.WHM121619	
5,000ml, $\phi$ 169~171	800 W	170 mm	$\phi$ 325 $\times$ h270	DH.WHM121610	DH.WHM121620	



### Optional Stainless-steel Rod, Holder & Clamp

- DH.WHP503037 (3) Stand Rod,  $\phi$  12.7  $\times$  L520mm, “RD300”, for Heating Mantles
- DH.WHP503012 (4) Holder / Clamp / Clip, “CL220”, for Temp. Sensor

Ea. Price, ₩

**DAIHAN® Aluminium-case Flask Heating Mantle, (1) Basic & (2) Stirring-type, 450°C, 50~20,000ml**  
 With Built-in Temp Controller, with/without Mag-stir Speed Control, with Certi. & Traceability  
 라운드플라스크용 히팅맨틀, 온도 조절기 내장, “기본형” 및 “자석교반형”, Ni-Cr열선 내장

- Made in Korea
- Ideal for All type Round Flask
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Built-in Temp-Controller. Nickel-Chrome Heating Element “Coil-type” : Acid Resistant & Long Life Time.
- With Powder-coated Steel-case : 10-/20-Lit



(1) Basic-type Flask Mantle with Controller



(2) Stirring-type Flask Mantle with a Stir-Bar

**(1) Basic-type Flask Mantle, Built-in Temp. Controller**

\* 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.

Flasks, ml Dia. $\phi$ mm	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi \times h$ (mm)	with 230V	with 120V	
50ml, $\phi$ 49 ~ 52	90 W	30 mm	$\phi$ 145 $\times$ h140	DH.WHM12010	DH.WHM12020	
100ml, $\phi$ 63 ~ 66	90 W	50 mm	$\phi$ 145 $\times$ h140	DH.WHM12011	DH.WHM12021	
250ml, $\phi$ 83 ~ 86	160 W	55 mm	$\phi$ 145 $\times$ h140	DH.WHM12012	DH.WHM12022	
500ml, $\phi$ 102 ~ 105	250 W	70 mm	$\phi$ 190 $\times$ h165	DH.WHM12013	DH.WHM12023	
1,000ml, $\phi$ 130 ~ 133	350 W	85 mm	$\phi$ 190 $\times$ h165	DH.WHM12014	DH.WHM12024	
2,000ml, $\phi$ 165 ~ 169	490 W	100 mm	$\phi$ 270 $\times$ h200	DH.WHM12015	DH.WHM12025	
3,000ml, $\phi$ 184 ~ 187	600 W	110 mm	$\phi$ 270 $\times$ h200	DH.WHM12016	DH.WHM12026	
4,000ml, $\phi$ 206 ~ 208	750 W	140 mm	$\phi$ 325 $\times$ h226	DH.WHM8037	DH.WHM8037.1	
5,000ml, $\phi$ 221 ~ 225	850 W	130 mm	$\phi$ 325 $\times$ h226	DH.WHM12017	DH.WHM12027	
6,000ml, $\phi$ 234 ~ 237	850 W	130 mm	$\phi$ 325 $\times$ h226	DH.WHM12018	DH.WHM12028	
10Lit, $\phi$ 278 ~ 282	1,500 W	205 mm	$\phi$ 400 $\times$ h260	DH.WHM12019	DH.WHM12029	
20Lit, $\phi$ 344 ~ 350	2,000 W	220 mm	$\phi$ 460 $\times$ h280	DH.WHM12070	DH.WHM12071	

**(2) Stirring-type Flask Mantle, Built-in 50~75rpm Mag-stir Speed & Temp. Controller**

- \* 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.
- \* 10-/20-Lit models Square-type Outside Shape.
- \* With 1ea  $\times$  PTFE Oval-type Magnetic Stirrer Bar, L25mm.

Flasks, ml Dia. $\phi$ mm	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi \times h$ (mm)	with 230V	with 120V	
50ml, $\phi$ 49 ~ 52	90 W	45 mm	$\phi$ 145 $\times$ h140	DH.WHM12030	DH.WHM12040	
100ml, $\phi$ 63 ~ 66	90 W	45 mm	$\phi$ 145 $\times$ h140	DH.WHM12031	DH.WHM12041	
250ml, $\phi$ 83 ~ 86	160 W	45 mm	$\phi$ 145 $\times$ h140	DH.WHM12032	DH.WHM12042	
500ml, $\phi$ 102 ~ 105	250 W	70 mm	$\phi$ 190 $\times$ h165	DH.WHM12033	DH.WHM12043	
1,000ml, $\phi$ 130 ~ 133	350 W	90 mm	$\phi$ 190 $\times$ h190	DH.WHM12034	DH.WHM12044	
2,000ml, $\phi$ 165 ~ 169	490 W	105 mm	$\phi$ 270 $\times$ h200	DH.WHM12035	DH.WHM12045	
3,000ml, $\phi$ 184 ~ 187	600 W	105 mm	$\phi$ 270 $\times$ h200	DH.WHM12036	DH.WHM12046	
4,000ml, $\phi$ 206 ~ 208	750 W	135 mm	$\phi$ 325 $\times$ h226	DH.WHM8057	DH.WHM8057.1	
5,000ml, $\phi$ 221 ~ 224	850 W	130 mm	$\phi$ 325 $\times$ h226	DH.WHM12037	DH.WHM12047	
6,000ml, $\phi$ 234 ~ 237	850 W	130 mm	$\phi$ 325 $\times$ h226	DH.WHM12038	DH.WHM12048	
10Lit, $\phi$ 278 ~ 282	1,500 W	210 mm	440 $\times$ 510 $\times$ h310	DH.WHM8060	DH.WHM8060.1	
20Lit, $\phi$ 344 ~ 348	2,000 W	230 mm	440 $\times$ 550 $\times$ h330	DH.WHM8061	DH.WHM8061.1	

**Optional Stainless-steel Rod, Holder & Clamp**

- DH.WHP503037 (3) Stand Rod,  $\phi$  12.7 $\times$ L520mm, “RD300”, for Heating Mantles
- DH.WHP503012 (4) Holder / Clamp / Clip, “CL220”, for Temp. Sensor

Ea. Price, ₩

(3) Stand Rod, “RD300”,  $\phi$  12.7 $\times$ L520mm

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

**DAIHAN® Remotecontrolled Flask Heating Mantle, (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-타입 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.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi \times h$ (mm)	with 230V	with 120V	
50ml, $\phi 49 \sim 52$	90 W	30 mm	$\phi 145 \times h75$	DH.WHM12050	DH.WHM12060	
100ml, $\phi 63 \sim 66$	90 W	50 mm	$\phi 145 \times h75$	DH.WHM12051	DH.WHM12061	
250ml, $\phi 83 \sim 86$	160 W	50 mm	$\phi 145 \times h75$	DH.WHM12052	DH.WHM12062	
500ml, $\phi 102 \sim 105$	250 W	55 mm	$\phi 190 \times h80$	DH.WHM12053	DH.WHM12063	
1,000ml, $\phi 130 \sim 133$	350 W	85 mm	$\phi 190 \times h110$	DH.WHM12054	DH.WHM12064	
2,000ml, $\phi 165 \sim 169$	490 W	105 mm	$\phi 270 \times h135$	DH.WHM12055	DH.WHM12065	
3,000ml, $\phi 184 \sim 187$	600 W	110 mm	$\phi 270 \times h135$	DH.WHM12056	DH.WHM12066	
4,000ml, $\phi 206 \sim 208$	750 W	135 mm	$\phi 325 \times h165$	DH.WHM8078	DH.WHM8078.1	
5,000ml, $\phi 221 \sim 224$	850 W	130 mm	$\phi 325 \times h165$	DH.WHM12057	DH.WHM12067	
6,000ml, $\phi 234 \sim 237$	850 W	130 mm	$\phi 325 \times h165$	DH.WHM12058	DH.WHM12068	
10Lit, $\phi 278 \sim 282$	1,500 W	205 mm	$\phi 390 \times h240$	DH.WHM12073	DH.WHM12083	
20Lit, $\phi 344 \sim 348$	2,000 W	220 mm	$\phi 460 \times h280$	DH.WHM12074	DH.WHM12084	
50Lit, $\phi 489 \sim 494$	4,000 W	310 mm	$\phi 610 \times h390$	DH.WHM12075	DH.WHM12085	
100Lit, $\phi 609 \sim 614$	6,000 W	370 mm	$\phi 740 \times h450$	DH.WHM8084	DH.WHM8084.1	

**(2) 650°C High Temp-type, 100ml~10Lit**

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

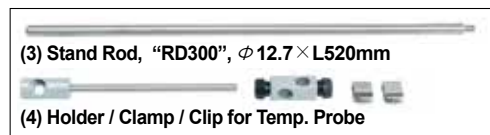
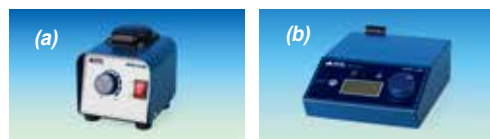
Flasks, ml Dia. $\phi$ mm	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi \times h$ (mm)	with 230V	with 120V	
100ml, $\phi 63 \sim 66$	160 W	50 mm	$\phi 145 \times h75$	DH.WHM12091	DH.WHM12101	
250ml, $\phi 83 \sim 86$	250 W	50 mm	$\phi 145 \times h75$	DH.WHM12092	DH.WHM12102	
500ml, $\phi 102 \sim 105$	350 W	55 mm	$\phi 190 \times h80$	DH.WHM12093	DH.WHM12103	
1,000ml, $\phi 130 \sim 133$	490 W	85 mm	$\phi 190 \times h110$	DH.WHM12094	DH.WHM12104	
2,000ml, $\phi 165 \sim 169$	600 W	105 mm	$\phi 270 \times h135$	DH.WHM12095	DH.WHM12105	
3,000ml, $\phi 184 \sim 187$	750 W	105 mm	$\phi 270 \times h135$	DH.WHM12096	DH.WHM12106	
4,000ml, $\phi 206 \sim 208$	850 W	125 mm	$\phi 325 \times h165$	DH.WHM8097	DH.WHM8097.1	
5,000ml, $\phi 221 \sim 224$	1,500 W	130 mm	$\phi 325 \times h165$	DH.WHM12097	DH.WHM12107	
6,000ml, $\phi 234 \sim 237$	1,500 W	130 mm	$\phi 325 \times h165$	DH.WHM12098	DH.WHM12108	
10Lit, $\phi 278 \sim 282$	2,000 W	160 mm	$\phi 400 \times h260$	DH.WHM8100	DH.WHM8100.1	

**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		Ea. Price, ₩
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  $\times$   $\phi$  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 / Clip, "CL220", for Temp. Sensor

Ea. Price, ₩



**DAIHAN® Remotecontrolled Reaction Flask Heating Mantle, Bottom Outlet-type, 450°C, 2,000ml~50Lit**  
 With Nickel Chrome Heating Element, K-type Thermo-sensor Integrated, with Certi. & Traceability, Option-Controller  
 반응조용 히팅맨틀, 반응조 라운드 플라스크용, K-type 온도센서, Ni-Cr열선 내장, 조절기 별도



- Made in Korea
- Ideal for All type Reaction Flasks
- Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Nickel-Chrome Heating Element "Coil-type" : Acid Resistant & Long Life Time.
- With a Device\* for Holding a Optional Stainless-steel Rod  $\phi$  12.7 mm for Article Support.
- Optional Remote Thermo Controller, K-type Thermo-Sensor

Flasks, ml Dia. $\phi$ mm	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi \times h$ (mm)	with 230V	with 120V	
2,000ml, $\phi$ 165 ~ 169	550 W	110 mm	$\phi$ 270 $\times$ h135	DH.WHM8222	DH.WHM8222.1	
3,000ml, $\phi$ 184 ~ 186	550 W	130 mm	$\phi$ 270 $\times$ h165	DH.WHM8232	DH.WHM8232.1	
5,000ml, $\phi$ 224 ~ 226	800 W	135 mm	$\phi$ 325 $\times$ h165	DH.WHM8233	DH.WHM8233.1	
10Lit, $\phi$ 278 ~ 282	1400 W	200 mm	$\phi$ 400 $\times$ h250	DH.WHM8226	DH.WHM8226.1	
20Lit, $\phi$ 348 ~ 352	2000 W	230 mm	$\phi$ 440 $\times$ h290	DH.WHM8227	DH.WHM8227.1	
50Lit, $\phi$ 480 ~ 484	4000 W	300 mm	$\phi$ 625 $\times$ h360	DH.WHM8228	DH.WHM8228.1	

**DAIHAN® Fabric-Housed Heating Mantle, (1) Self Standing-base & (2) Top Cover, 450°C, 50ml~100Lit**  
 For Spherical Flask, with Nickel Chrome Heating Element, Option-Controller, with Certi. & Traceability  
 직물케이스 히팅맨틀, 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
- Built-in Temp-Controller. Nickel-Chrome Heating Element "Coil-type" : Acid Resistant & Long Life Time.



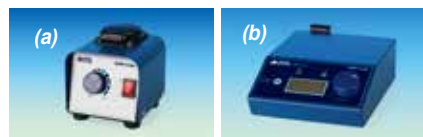
(1) Self Standing-base Mantle

Flasks, ml Dia. $\phi$ mm	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi \times h$ (mm)	with 230V	with 120V	
50ml, $\phi$ 49 ~ 52	90 W	30 mm	$\phi$ 100 $\times$ h50	DH.WHM12110	DH.WHM12120	
100ml, $\phi$ 63 ~ 66	90 W	50 mm	$\phi$ 120 $\times$ h70	DH.WHM12111	DH.WHM12121	
250ml, $\phi$ 83 ~ 86	160 W	55 mm	$\phi$ 150 $\times$ h80	DH.WHM12112	DH.WHM12122	
500ml, $\phi$ 102 ~ 105	250 W	75 mm	$\phi$ 180 $\times$ h100	DH.WHM12113	DH.WHM12123	
1,000ml, $\phi$ 130 ~ 133	350 W	90 mm	$\phi$ 210 $\times$ h115	DH.WHM12114	DH.WHM12124	
2,000ml, $\phi$ 165 ~ 169	490 W	105 mm	$\phi$ 250 $\times$ h130	DH.WHM12115	DH.WHM12125	
3,000ml, $\phi$ 184 ~ 187	600 W	115 mm	$\phi$ 270 $\times$ h140	DH.WHM12116	DH.WHM12126	
4,000ml, $\phi$ 206 ~ 208	750 W	120 mm	$\phi$ 310 $\times$ h160	DH.WHM8108	DH.WHM8108.1	
5,000ml, $\phi$ 221 ~ 224	850 W	135 mm	$\phi$ 310 $\times$ h160	DH.WHM12117	DH.WHM12127	
6,000ml, $\phi$ 234 ~ 237	850 W	135 mm	$\phi$ 310 $\times$ h160	DH.WHM12118	DH.WHM12128	
10Lit, $\phi$ 278 ~ 282	1,500 W	205 mm	$\phi$ 390 $\times$ h260	DH.WHM12119	DH.WHM12129	



(2) Top Cover only

Flasks, ml Dia. $\phi$ mm	Mantle		Catalog No.		Ea. Price, ₩
	Watts (W)	Outside $\phi \times h$ (mm)	with 230V	with 120V	
250ml, $\phi$ 83 ~ 86	90 W	$\phi$ 136 $\times$ h70	DH.WHM121301	DH.WHM121311	
500ml, $\phi$ 102 ~ 105	160 W	$\phi$ 160 $\times$ h77	DH.WHM121302	DH.WHM121312	
1,000ml, $\phi$ 130 ~ 133	250 W	$\phi$ 183 $\times$ h90	DH.WHM121303	DH.WHM121313	
2,000ml, $\phi$ 165 ~ 169	350 W	$\phi$ 220 $\times$ h107	DH.WHM121304	DH.WHM121314	
3,000ml, $\phi$ 184 ~ 187	490 W	$\phi$ 236 $\times$ h210	DH.WHM121305	DH.WHM121315	
4,000ml, $\phi$ 206 ~ 208	490 W	$\phi$ 260 $\times$ h130	DH.WHM8117	DH.WHM8117.1	
5,000ml, $\phi$ 221 ~ 224	600 W	$\phi$ 280 $\times$ h140	DH.WHM121306	DH.WHM121316	
10Lit, $\phi$ 278 ~ 282	850 W	$\phi$ 350 $\times$ h170	DH.WHM121307	DH.WHM121317	
20Lit, $\phi$ 344 ~ 348	1,500 W	$\phi$ 420 $\times$ h210	DH.WHM121308	DH.WHM121318	
50Lit, $\phi$ 489 ~ 494	2,000 W	$\phi$ 590 $\times$ h290	DH.WHM8121	DH.WHM8121.1	
100Lit, $\phi$ 609 ~ 614	2,000 W	$\phi$ 700 $\times$ h340	DH.WHM8122	DH.WHM8122.1	



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°C Uniformity at Set Temp.

Cat. No.		Ea. Price, ₩
with 230V	with 120V	
DH.WHM13500	DH.WHM23500	
DH.WHM12500	DH.WHM22500	

## DAIHAN® Reaction Vessel Heating Mantle, (1) Basic & (2) Stirring-type, 450°C, 100ml~100Lit

With Built-in Temp Controller, with/without Mag-stir Speed Control, with Certi. & Traceability

반응조용 히팅맨틀, 온도 조절기 내장, “기본형” 및 “자석교반형”, Ni-Cr열선 내장

- Made in Korea
- Powder-coated Steel Housing
- Ideal for All type Reaction Vessel
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Built-in Temp-Controller. 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) Basic-type Reaction Vessel Mantle with Temp. Controller

### (1) Basic-type Reaction Vessel Mantle, Built-in Temp. Controller

① with Aluminum-case, 100~500ml    ② with Powder-coated Steel-case, 1000ml ~ 100Lit

Vessels, ml Dia. $\phi$ × H(cm)	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi$ × h(cm)	with 230V	with 120V	
100ml, $\phi$ 7 × H9	80 W	6.5 cm	$\phi$ 14.5 × h14.0	DH.WHM8130	DH.WHM8130.1	
250ml, $\phi$ 7 × H13	140 W	9.0 cm	$\phi$ 19.0 × h16.5	DH.WHM8131	DH.WHM8131.1	
500ml, $\phi$ 11 × H12	350 W	9.0 cm	$\phi$ 19.0 × h16.5	DH.WHM12146	DH.WHM12156	
1,000ml, $\phi$ 11 × H20	350 W	16.0 cm	$\phi$ 19.0 × h26.0	DH.WHM8133	DH.WHM8133.1	
2,000ml, $\phi$ 13 × H24	450 W	18.5 cm	$\phi$ 19.0 × h26.0	DH.WHM8134	DH.WHM8134.1	
2,000ml, $\phi$ 14 × H27	550 W	24.5 cm	$\phi$ 20.6 × h30.0	DH.WHM8135	DH.WHM8135.1	
3,000ml, $\phi$ 13 × H32	550 W	24.5 cm	$\phi$ 19.0 × h32.0	DH.WHM8136	DH.WHM8136.1	
4,000ml, $\phi$ 20 × H29	800 W	23.5 cm	$\phi$ 32.5 × h30.0	DH.WHM8138	DH.WHM8138.1	
5,000ml, $\phi$ 20 × H29	800 W	23.5 cm	$\phi$ 32.5 × h30.0			
6,000ml, $\phi$ 21.5 × H32	800 W	23.5 cm	$\phi$ 32.5 × h30.0	DH.WHM8139	DH.WHM8139.1	
10Lit, $\phi$ 21.5 × H45	1,400 W	35.0 cm	$\phi$ 35.0 × h40.0	DH.WHM8140	DH.WHM8140.1	
10Lit, $\phi$ 24 × H41	1,400 W	33.0 cm	$\phi$ 35.0 × h36.0	DH.WHM8141	DH.WHM8141.1	
20Lit, $\phi$ 25 × H47	2,000 W	40.0 cm	$\phi$ 35.0 × h45.0	DH.WHM8142	DH.WHM8142.1	
20Lit, $\phi$ 27 × H45	2,000 W	35.0 cm	$\phi$ 40.0 × h40.0	DH.WHM8143	DH.WHM8143.1	
20Lit, $\phi$ 29 × H42	2,000 W	35.0 cm	$\phi$ 40.0 × h40.0	DH.WHM8144	DH.WHM8144.1	
50Lit, $\phi$ 31.5 × H81	4,000 W	67.0 cm	$\phi$ 44.0 × h75.0	DH.WHM8145	DH.WHM8145.1	
100Lit, $\phi$ 41.5 × H91	6,000 W	75.0 cm	$\phi$ 55.0 × h83.0	DH.WHM8146	DH.WHM8146.1	



(2) Stirring-type Reaction Vessel Mantle with Temp.-Stirring-Controller and 1x Mag Stir bar

### (2) Stirring-type Reaction Vessel Mantle, Built-in 50~75rpm Mag-stir Speed & Temp. Controller

\* With 1ea × PTFE Oval-type Magnetic Stirrer Bar, L25mm.

\* 10-/20-Lit models Square-type Outside Shape.

① with Aluminum-case, 100~500ml    ② with Powder-coated Steel-case, 1000ml ~ 20Lit

Vessels, ml Dia. $\phi$ × H(cm)	Mantle			Catalog No.		Ea. Price, ₩
	Watts (W)	Inside Depth	Outside $\phi$ × h(cm)	with 230V	with 120V	
100ml, $\phi$ 7 × H9	80 W	7.0 cm	$\phi$ 14.5 × h16.5	DH.WHM8150	DH.WHM8150.1	
250ml, $\phi$ 7 × H13	140 W	9.0 cm	$\phi$ 14.5 × h18.5	DH.WHM8151	DH.WHM8151.1	
500ml, $\phi$ 11 × H12	240 W	9.5 cm	$\phi$ 19.0 × h19.0	DH.WHM8152	DH.WHM8152.1	
1,000ml, $\phi$ 11 × H20	350 W	16.5 cm	$\phi$ 19.0 × h26.0	DH.WHM8153	DH.WHM8153.1	
2,000ml, $\phi$ 13 × H24	450 W	16.5 cm	$\phi$ 19.0 × h26.0	DH.WHM8154	DH.WHM8154.1	
2,000ml, $\phi$ 14 × H27	550 W	22.5 cm	$\phi$ 20.6 × h30.0	DH.WHM8155	DH.WHM8155.1	
3,000ml, $\phi$ 13 × H32	550 W	22.5 cm	$\phi$ 19.0 × h32.0	DH.WHM8156	DH.WHM8156.1	
4,000ml, $\phi$ 20 × H29	800 W	23.5 cm	$\phi$ 32.5 × h30.0	DH.WHM8158	DH.WHM8158.1	
5,000ml, $\phi$ 20 × H29	800 W	23.5 cm	$\phi$ 32.5 × h30.0			
6,000ml, $\phi$ 21.5 × H32	800 W	23.5 cm	$\phi$ 32.5 × h30.0	DH.WHM8159	DH.WHM8159.1	
10Lit, $\phi$ 21.5 × H45	1400 W	40.0 cm	35 × 46 × h48	DH.WHM8160	DH.WHM8160.1	
10Lit, $\phi$ 24 × H41	1400 W	37.0 cm	35 × 46 × h39.5	DH.WHM8161	DH.WHM8161.1	
20Lit, $\phi$ 25 × H47	2000 W	48.5 cm	35 × 46 × h66.5	DH.WHM8162	DH.WHM8162.1	



#### Optional Stainless-steel Rod, Holder & Clamp

- DH.WHP503037 (3) Stand Rod,  $\phi$ 12.7 × L520mm, “RD300”, for Heating Mantles  
 DH.WHP503012 (4) Holder / Clamp / Clip, “CL220”, for Temp. Sensor

Ea. Price, ₩

Articles

Cat. No

Description

DAIHAN® Remotcontrolled 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

- Made in Korea      ■ 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-Senser, 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.		Ea. Price, ₩
	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	DH.WHM8178	DH.WHM8178.1	
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	

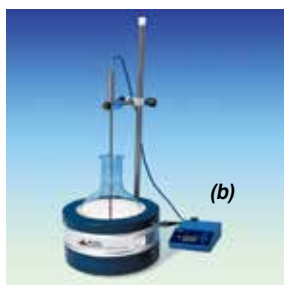


(2) Bottom Outlet-type  
Remotecontrolled Reaction Vessel  
Heating Mantle

### (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.		Ea. Price, ₩
	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	DH.WHM8196	DH.WHM8196.1	
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°C Uniformity at Set Temp.

Cat. No	Ea. Price, ₩	
	with 230V	with 120V
DH.WHM13500	DH.WHM23500	
DH.WHM12500	DH.WHM22500	

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

- (3) Stand Rod, "RD300",  $\phi$  12.7 × L520mm  
 (4) Holder / Clamp / Clip for Temp. Probe

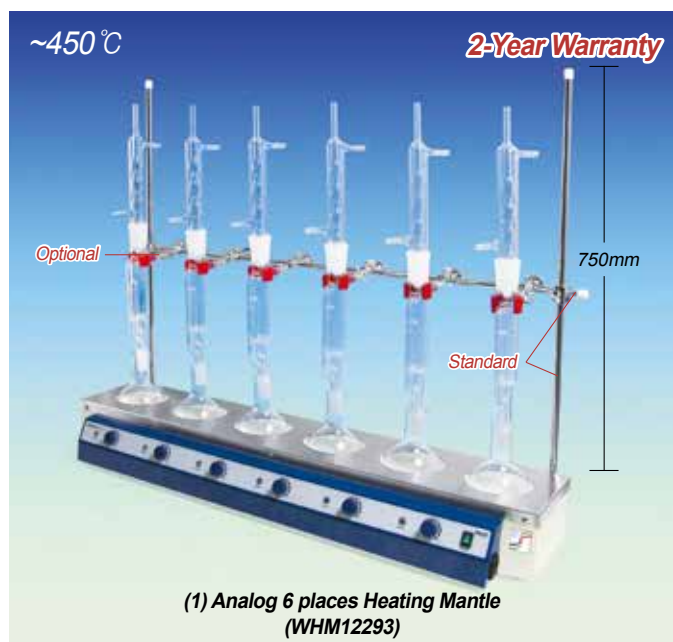
- DH.WHP503040 Direct Contact Temp. Probe, K-type, "SS300", L250 ×  $\phi$  4.8 mm  
 DH.WHP503050 "SS400", L380 ×  $\phi$  4.8 mm  
 DH.WHP503041 Direct Contact Temp. Probe, K-type, "SS310", Teflon Coated, L250 ×  $\phi$  5 mm  
 DH.WHP503051 Direct Contact Temp. Probe, K-type, "SS410", Teflon Coated, 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

Ea. Price, ₩



DAIHAN® Analog Aluminum-case Multi Heating Mantle, with 3 & 6 Places, 450°C, with Certi. & Traceability  
 With Glassware Supporting Rod & Clamp, Ideal for Extraction · Reflux · Distillation Applications, Lower Profile, 250~1,000ml  
 3 & 6구 멀티 히팅맨틀, 추출/증류용에 적합, 조절기 내장

- Made in Korea
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Lower Profile for Space-saving Convenience
- Ideal for Repetitive Extraction (Kjeldahl, Soxhlet and other Extraction Procedure), Reflux and Distillation Laboratory Applications
- Analog Controller Built-in System
- Rods and Clamps for Rods Connection
- Ideal for DURAN / Kimax / Pyrex & Iwaki-brand Round Flasks
- Highly-processed Aluminum Case Offers Robust Standing, Easy Handling
- Nickel Chrome Heating Element - Coil Type : Acid-Resistant, Long Life Time
- without Clamp & Clamp Holder for Glassware ; Order Separately



(1) Analog 6 places Heating Mantle (WHM12293)

## Premium Analog Multi Heating Mantle

Highly-processed Aluminum Case  
 Nickel Chrome Heating Element



(2) Analog 3 places Heating Mantle (WHM12391)

(1) 6 places Analog Multi Heating Mantle, 250ml, 300ml & 500ml, 450°C

Catalog No.		Flask Capacity (ml)	Flask		Watts(W)	Inside Depth (mm)	Dimension W×D×H (mm)	Ea. Price, ₩
with 230V	with 120V		Max. Dia. φ (mm)	Bottom				
DH.WHM12291	DH.WHM12292	250/300	83 ~ 86	Flat	840	50	800×240×110	
DH.WHM12293	DH.WHM12294	250/300	83 ~ 86	Round	840	50	800×240×110	
DH.WHM12295	DH.WHM12296	500	102 ~ 105	Round	1440	65	950×270×130	

(2) 3 places Analog Multi Heating Mantle, 500ml & 1,000ml, 450°C

Catalog No.		Flask Capacity (ml)	Flask		Watts(W)	Inside Depth (mm)	Dimension W×D×H (mm)	Ea. Price, ₩
with 230V	with 120V		Max. Dia. φ (mm)	Bottom				
DH.WHM12391	DH.WHM12392	500	102 ~ 105	Round	720	65	550×270×130	
DH.WHM12393	DH.WHM12394	1,000	130 ~ 133	Round	1050	75	690×340×170	

※ Remarks : DU. : DURAN Ki. : Kimax Iw. : Iwaki Py. : Pyrex

### Spare Support Rod & Clamp Set

- DH.WHM30500 Support Rod & Clamp Set, "MHR01", for 3Places 500ml, 2×750-1×500-mm Rod and 2×Clamp for Rod
- DH.WHM31000 , "MHR02", for 3Places 1000ml, 2×750-1×600-mm Rod and 2×Clamp for Rod
- DH.WHM60250 , "MHR03", for 6Places 250-300-ml, 2×750-1×900-mm Rod and 2×Clamp for Rod
- DH.WHM60500 , "MHR04", for 6Places 500ml, 2×750-1×940-mm Rod and 2×Clamp for Rod

Ea. Price, ₩

Articles	Cat. No	Description
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**DAIHAN® Heating Tape “WHM”, Standard-type, 250°C, 13 & 25mm**



**Heating Tape**

\* For Glass Tubes Metal Pipet

Catalog No.	13mm Width × Length(m)	Watts & Volt	Ea. Price, ₩
DH.WHM12311	13mm × 0.6m	200W, 230V	
DH.WHM12312	× 1.0m	200W, 230V	
DH.WHM12313	× 1.5m	250W, 230V	
DH.WHM12314	× 2.0m	300W, 230V	
DH.WHM12315	× 2.5m	350W, 230V	
DH.WHM12316	× 3.0m	400W, 230V	
Catalog No.	25mm Width × Length(m)	Watts & Volt	Ea. Price, ₩
DH.WHM12321	25mm × 0.6m	200W, 230V	
DH.WHM12322	× 1.0m	200W, 230V	
DH.WHM12323	× 1.5m	250W, 230V	
DH.WHM12324	× 2.0m	300W, 230V	
DH.WHM12325	× 2.5m	350W, 230V	
DH.WHM12326	× 3.0m	400W, 230V	
DH.WHM12327	× 4.0m	550W, 230V	
DH.WHM12328	× 6.0m	700W, 230V	

**DAIHAN® Custom-Made Heating Mantle & Insulation, Up to 450°C~650°C**

Ideal for Bottom Valved Vessels or General-use, “WHM”, 고객 주문 사양 히팅맨틀 및 단열/보온재

We can Offer DAIHAN Custom Heating Mantle, for which you can Specify the Outside Diameter of the Vessel, Length of Mantle, Voltage, Number of Circuits and Length of Each Heating Zone, Ambient Temperature, Unusual Ambient Conditions, Size & Location of Holes for View Ports, and Tubulations.

Please Submit a Sketch for Complicated Applications and Contact our International Sales Team or our Distributor in your Country.

- Provides Uniform Heating and Insulation for Scrubbing and Fractionating Columns.

- Closes with a Zipper, with Eyelets and laces or Hooks and laces.

- Internal Operating Temperature is up to 450°C or 650°C

**Examples for Customized Heating Mantle**



Welcome! Custom-Made Heating Mantle!!



## DAIHAN® Analog Compact Temp Controller “WHM-C10A”, up to 1.2kW, for All-Purpose Heating Instruments With Solid State, Proportional Voltage Power Control (5~100%), **아날로그 온도 조절기**

■ Made in Korea ■ with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System



Analog Compact Temp. Controller “WHM-C10A”



<Ex.>  
Heating Mantle Set with the Analog Compact Temp. Controller “WHM-C10A”

- PL (Product Liability) Insurance
- Small Footprint, Compact Analog Temperature Controller
- Precise Manual Control of Heating Mantles, Tapes, Cords and Other Resistive Loads up to 1.2 kW
- \* Safe and Durable Design
- \* Solid state, Proportional Voltage Power Control (5~100% or Rated Voltage)

### Specifications & Ordering information

Spec.	Model	“WHM-C10A”
Control Range & Capacity		5~100% of Rated Voltage, Up to 1.2 kW
Dimension & Weight		95×98×h106mm, 1 kg
Packing Size & Gross Weight		190×160×h130mm, 2 kg
Electrical Reqts.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz
Cat. No.	230V	DH.WHM13500
	120V	DH.WHM23500
Price, Each. ₩		

\* Other Specifications are available upon Customer's Request.

## DAIHAN® Digital Feedback Temp Controller “WHM-C10D”, up to 700°C, ±0.1°C, with Back-Light LCD For All-purpose Heating Instruments, Available K-type External Direct Contact Thermocouple(Optional), **디지털 온도 조절기**

■ Made in Korea ■ with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System



Digital Feedback Temp. Controller “WHM-C10D”



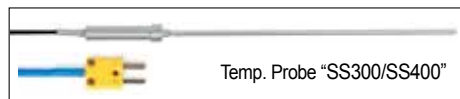
<Ex.>  
Heating Mantle Set with Temp. Probe and the Digital Feedback Temp. Controller “WHM-C10D”

- PL (Product Liability) Insurance
- User's Self-compensation Function to Control Difference between Real Temp. and Indicated Temp. (±50°C)
- Patented Jog-Shuttle Control System
- \* Digital Feedback Control by High-Performance Microprocessor
- \* Digital LCD with Back-Light Function
- \* Storage function, Timer, Alarm & Locking Mode
- \* Heating Instruments can be controlled up to 2kW.
- \* Accurate Temp. Control of the Liquid in the Vessel using Optional Direct K-type Sensor
- \* Small Footprint and User-Friendly Design.

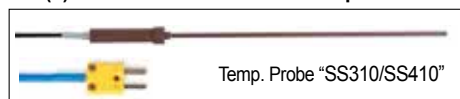
### Specifications & Ordering information

Spec.	Model	“WHM-C10D”
Temp. Range & Accuracy		Ambient +5 ~ 700°C, ±1°C at Set Temperature
Temp. Resolution		1°C-Display, 1°C-Control
Timer & Alarm		99hr 59min (Continuous run), Error status & Timer-end
Display		Digital LCD with Back Light Function (Temp., Timer)
Controller		Digital Feedback Controller with Jog Shuttle Switch (Turn+Push)
Control Capacity		up to 2 kW for 230V, 1.5kw for 120V
Dimension & Weight		145×185×h68mm, 2.8 kg
Packing Size & Gross Weight		280×250×h110mm, 4 kg
Electrical Reqts.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz
Cat. No.	230V	DH.WHM12500
	120V	DH.WHM22500
Price, Each. ₩		

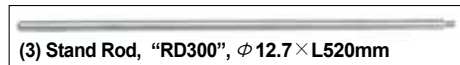
\* Other Specifications are available upon Customer's Request.



(1) External/Direct Contact Temp. Probe



(2) External/Direct Contact Temp. Probe, Teflon Coated



(3) Stand Rod, “RD300”, φ 12.7×L520mm



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

### Optional Temp. Probe & Stand Rod, Holder, Clamp

- DH.WHP503040 (1) Direct Contact Temp. Probe, K-type, “SS300”, L250×φ 4.8 mm
- DH.WHP503050 (1) Direct Contact Temp. Probe, K-type, “SS400”, L380×φ 4.8 mm
- DH.WHP503041 (2) Direct Contact Temp. Probe, K-type, “SS310”, Teflon Coated, L250×φ 5 mm
- DH.WHP503051 (2) Direct Contact Temp. Probe, K-type, “SS410”, Teflon Coated, L380×φ 5 mm
- DH.WHP503037 (3) Stand Rod, φ 12.7×L520mm, “RD300”, for Heating Mantles
- DH.WHP503012 (4) Holder & Clamp, “CL220”, for Temp. Sensor

Ea. Price, ₩