

DAIHAN-brand® Reaction Vessel Heating Mantles, (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 Mantles, Built-in Temp. Controller

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

| Vessels, ml<br>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    |             |              |              |
| 5,000ml, $\phi$ 20 × H29           | 800 W     | 23.5 cm      | $\phi$ 32.5 × H30.0    | DH.WHM8138  | DH.WHM8138.1 |              |
| 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 1 × Mag Stir bar

## (2) Stirring-type Reaction Vessel Mantles, 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<br>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    |             |              |              |
| 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 × h56.5        | DH.WHM8162  | DH.WHM8162.1 |              |



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

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

## Optional Stainless-steel Rod, Holder & Clamp

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

Ea. Price, ₩