

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 ϕ 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 Dia. ϕ × H(cm) | Mantle | | | Catalog No. | | Ea. Price, ₩ |
|------------------------------------|-----------|--------------|------------------------|-------------|--------------|--------------|
| | Watts (W) | Inside Depth | Outside ϕ × H(cm) | with 230V | with 120V | |
| 100ml, ϕ 7 × H9 | 80 W | 6.5 cm | ϕ 14.5 × H14.0 | DH.WHM8130 | DH.WHM8130.1 | |
| 250ml, ϕ 7 × H13 | 140 W | 9.0 cm | ϕ 19.0 × H16.5 | DH.WHM8131 | DH.WHM8131.1 | |
| 500ml, ϕ 11 × H12 | 350 W | 9.0 cm | ϕ 19.0 × H16.5 | DH.WHM12146 | DH.WHM12156 | |
| 1,000ml, ϕ 11 × H20 | 350 W | 16.0 cm | ϕ 19.0 × H26.0 | DH.WHM8133 | DH.WHM8133.1 | |
| 2,000ml, ϕ 13 × H24 | 450 W | 18.5 cm | ϕ 19.0 × H26.0 | DH.WHM8134 | DH.WHM8134.1 | |
| 2,000ml, ϕ 14 × H27 | 550 W | 24.5 cm | ϕ 20.6 × H30.0 | DH.WHM8135 | DH.WHM8135.1 | |
| 3,000ml, ϕ 13 × H32 | 550 W | 24.5 cm | ϕ 19.0 × H32.0 | DH.WHM8136 | DH.WHM8136.1 | |
| 4,000ml, ϕ 20 × H29 | 800 W | 23.5 cm | ϕ 32.5 × H30.0 | DH.WHM8138 | DH.WHM8138.1 | |
| 5,000ml, ϕ 20 × H29 | 800 W | 23.5 cm | ϕ 32.5 × H30.0 | | | |
| 6,000ml, ϕ 21.5 × H32 | 800 W | 23.5 cm | ϕ 32.5 × H30.0 | DH.WHM8139 | DH.WHM8139.1 | |
| 10Lit, ϕ 21.5 × H45 | 1,400 W | 35.0 cm | ϕ 35.0 × H40.0 | DH.WHM8140 | DH.WHM8140.1 | |
| 10Lit, ϕ 24 × H41 | 1,400 W | 33.0 cm | ϕ 35.0 × H36.0 | DH.WHM8141 | DH.WHM8141.1 | |
| 20Lit, ϕ 25 × H47 | 2,000 W | 40.0 cm | ϕ 35.0 × H45.0 | DH.WHM8142 | DH.WHM8142.1 | |
| 20Lit, ϕ 27 × H45 | 2,000 W | 35.0 cm | ϕ 40.0 × H40.0 | DH.WHM8143 | DH.WHM8143.1 | |
| 20Lit, ϕ 29 × H42 | 2,000 W | 35.0 cm | ϕ 40.0 × H40.0 | DH.WHM8144 | DH.WHM8144.1 | |
| 50Lit, ϕ 31.5 × H81 | 4,000 W | 67.0 cm | ϕ 44.0 × H75.0 | DH.WHM8145 | DH.WHM8145.1 | |
| 100Lit, ϕ 41.5 × H91 | 6,000 W | 75.0 cm | ϕ 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 Dia. ϕ × H(cm) | Mantle | | | Catalog No. | | Ea. Price, ₩ |
|------------------------------------|-----------|--------------|------------------------|-------------|--------------|--------------|
| | Watts (W) | Inside Depth | Outside ϕ × H(cm) | with 230V | with 120V | |
| 100ml, ϕ 7 × H9 | 80 W | 7.0 cm | ϕ 14.5 × H16.5 | DH.WHM8150 | DH.WHM8150.1 | |
| 250ml, ϕ 7 × H13 | 140 W | 9.0 cm | ϕ 14.5 × H18.5 | DH.WHM8151 | DH.WHM8151.1 | |
| 500ml, ϕ 11 × H12 | 240 W | 9.5 cm | ϕ 19.0 × H19.0 | DH.WHM8152 | DH.WHM8152.1 | |
| 1,000ml, ϕ 11 × H20 | 350 W | 16.5 cm | ϕ 19.0 × H26.0 | DH.WHM8153 | DH.WHM8153.1 | |
| 2,000ml, ϕ 13 × H24 | 450 W | 16.5 cm | ϕ 19.0 × H26.0 | DH.WHM8154 | DH.WHM8154.1 | |
| 2,000ml, ϕ 14 × H27 | 550 W | 22.5 cm | ϕ 20.6 × H30.0 | DH.WHM8155 | DH.WHM8155.1 | |
| 3,000ml, ϕ 13 × H32 | 550 W | 22.5 cm | ϕ 19.0 × H32.0 | DH.WHM8156 | DH.WHM8156.1 | |
| 4,000ml, ϕ 20 × H29 | 800 W | 23.5 cm | ϕ 32.5 × H30.0 | DH.WHM8158 | DH.WHM8158.1 | |
| 5,000ml, ϕ 20 × H29 | 800 W | 23.5 cm | ϕ 32.5 × H30.0 | | | |
| 6,000ml, ϕ 21.5 × H32 | 800 W | 23.5 cm | ϕ 32.5 × H30.0 | DH.WHM8159 | DH.WHM8159.1 | |
| 10Lit, ϕ 21.5 × H45 | 1400 W | 40.0 cm | 35 × 46 × h48 | DH.WHM8160 | DH.WHM8160.1 | |
| 10Lit, ϕ 24 × H41 | 1400 W | 37.0 cm | 35 × 46 × h39.5 | DH.WHM8161 | DH.WHM8161.1 | |
| 20Lit, ϕ 25 × H47 | 2000 W | 48.5 cm | 35 × 46 × h56.5 | DH.WHM8162 | DH.WHM8162.1 | |



(3) Stand Rod, “RD300”, ϕ 12.7 × L520mm

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

Optional Stainless-steel Rod, Holder & Clamp

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

Ea. Price, ₩