

DAIHAN-brand® Digital Fuzzy-control Autoclaves, "MaXterile™", Standard-/Recorder-type, 47-/60-/80-/100-Lit. with Electronic Door Lock Sys, Lever-type Sliding Door, Steam Condensing, Solid-/Liquid-Modes, Max.2 kgf/cm<sup>2</sup>, up to 132 °C  
(1) **NEW** PED Certified-model(φ 3.0mm Thick-Tank), (2) Non-PED-model(φ 2.0mm Thick-Tank), 전자동 고압 멸균기, 전자식 도어 잠금 시스템



Standard-type, "MaXterile™ 80"

- (1) With PED Certi. 3mm Thick-Tank  
(2) Without PED Certi. 2mm Thick-Tank



Built in Recorder-type, "MaXterile™ 80R"

- (1) With PED Certi. 3mm Thick-Tank  
(2) Without PED Certi. 2mm Thick-Tank

- Made in Korea ■ CE and PED Certified ■ PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Patented Special Steam Condensing Mechanism, Lever-type Sliding Door
- Built in DAIHAN-brand® New Generation Controller : Patented Jog-Dial Control System
- Electronic Door Lock Sensing System for User Safety.
- Door Open Button Automatically Lock Over 80°C for User Safety
- Built in Recorder model (only MaXterile 47R/60R/80R/100R models) : Print Sterilization Cycle Data for Validation and Analyze Sterilization (Temperature, Pressure, Time, Error Status, etc.)

- \* Ideal for Biotechnology, Clinical, Environmental, Medical and Food Industry.
- \* Innovative Easy-to-Use Digital Fuzzy Controller. \* Included 2 × Wire Baskets
- \* Casters equipped for Excellent Mobility. \* Digital LCD with Back-Light Function.
- \* Digital Timer Function - 'Delay Time' and 'Operation Time' can be Controlled.
- \* Solid / Liquid Mode can be chosen by a customer considering a Sample Phase.
- \* Water Low Level Detection \* Automatic Over Pressure Release Valve ensures User Safety.
- \* Sterilization Error Indication : Error Alarm and Massage in case of Power Failure and Temperature Error

#### Specifications & Ordering information

| Standard-type Models          | "MaXterile 47"                                                                                                               | "MaXterile 60"   | "MaXterile 80"                                                                  | "MaXterile 100"  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------|------------------|
|                               | Standard-type                                                                                                                |                  |                                                                                 |                  |
| Built in Recorder-type Models | "MaXterile 47R"                                                                                                              | "MaXterile 60R"  | "MaXterile 80R"                                                                 | "MaXterile 100R" |
|                               | Recorder-type : Built in Recording Printer, Sterilization Cycle Data (Date, Temperature, Pressure, Time, Error Status, etc.) |                  |                                                                                 |                  |
| Capacity                      | 47 Lit.                                                                                                                      | 60 Lit.          | 80 Lit.                                                                         | 100 Lit.         |
| Temp. Range & Accuracy        | Room Temp +5°C to 132°C, ±0.5°C at 121°C                                                                                     |                  |                                                                                 |                  |
| Pressure & Gauge              | 1.2 kgf/cm <sup>2</sup> at 121°C / 2.0 kgf/cm <sup>2</sup> at 132°C, 0 ~ 3 kgf/cm <sup>2</sup>                               |                  |                                                                                 |                  |
| Sterilization mode            | Solid- or Liquid-mode                                                                                                        |                  |                                                                                 |                  |
| Heating Power/Consumption     | 2 kW                                                                                                                         | 3 kW             | 2 kW × 2                                                                        | 2 kW × 2         |
| Timer & Alarm                 | 60 min, Error status & Timer-end                                                                                             |                  |                                                                                 |                  |
| Display                       | Digital LCD with Back-Light Function                                                                                         |                  |                                                                                 |                  |
| Controller                    | Digital Fuzzy-Control System (Fully Automatic)                                                                               |                  |                                                                                 |                  |
| Door & Closing System         | Lever-type Sliding Door / Safety Electronic Door Closing System                                                              |                  |                                                                                 |                  |
| Safety Circuit                | Over-Temp./Pressure/Current protection, Sensor Error Detection                                                               |                  |                                                                                 |                  |
| Printer                       | Thermal type printer, Record Paper Roll: w58 × φ40 mm                                                                        |                  |                                                                                 |                  |
| Material                      | Stainless steel (# 304)-Pressure Vessel, Powder Coated steel-External                                                        |                  |                                                                                 |                  |
| Basket                        | 2ea of Stainless steel Wire Baskets are Included                                                                             |                  |                                                                                 |                  |
| Basket Dimension (mm)         | φ 270 × h240                                                                                                                 | φ 320 × h240     | φ 370 × h240                                                                    | φ 420 × h240     |
| Dimension (w × d × h)         | 700 × 470 × 1080                                                                                                             | 700 × 470 × 1080 | 810 × 580 × 1140                                                                | 810 × 580 × 1140 |
| Packing Size (mm)             | 840 × 610 × h1,252 mm                                                                                                        |                  | 950 × 730 × h1,352 mm                                                           |                  |
| Gross Weight (kg)             | 117 kg                                                                                                                       | 120 kg           | 170 kg                                                                          | 170 kg           |
| Electric Reqt.                | 1Phase - AC 120V, 60Hz or<br>- AC 230V, 50/60Hz                                                                              |                  | 1 Phase - AC 120V, 60Hz or -<br>AC 230V, 50/60Hz<br>3 Phase with Terminal Block |                  |

#### (1) With PED(Pressure Equipment Directive) Certification, φ 3.0mm Thickness Tank **NEW**

| Standard-type Cat. No. | 230V   | DH.WAC05047P | DH.WAC05060P | DH.WAC05080P | DH.WAC05100P |
|------------------------|--------|--------------|--------------|--------------|--------------|
|                        | 120V   | DH.WAC06047P | DH.WAC06060P | DH.WAC06080P | DH.WAC06100P |
|                        | 3Phase | -            | -            | DH.WAC07080P | DH.WAC07100P |

|                        |        |              |              |              |              |
|------------------------|--------|--------------|--------------|--------------|--------------|
| Built in Recorder-type | 230V   | DH.WACR2047P | DH.WACR2060P | DH.WACR2080P | DH.WACR2100P |
| Cat. No.               | 120V   | DH.WACR1047P | DH.WACR1060P | DH.WACR1080P | DH.WACR1100P |
|                        | 3Phase | -            | -            | DH.WACR3080P | DH.WACR3100P |

#### (2) Without PED(Pressure Equipment Directive) Certification, φ 2.0mm Thickness Tank

|                           |        |             |             |             |             |
|---------------------------|--------|-------------|-------------|-------------|-------------|
| Standard-type<br>Cat. No. | 230V   | DH.WAC05047 | DH.WAC05060 | DH.WAC05080 | DH.WAC05100 |
|                           | 120V   | DH.WAC06047 | DH.WAC06060 | DH.WAC06080 | DH.WAC06100 |
|                           | 3Phase |             |             | DH.WAC07080 | DH.WAC07100 |

|                                       |        |             |             |             |             |
|---------------------------------------|--------|-------------|-------------|-------------|-------------|
| Built in<br>Recorder-type<br>Cat. No. | 230V   | DH.WACR2047 | DH.WACR2060 | DH.WACR2080 | DH.WACR2100 |
|                                       | 120V   | DH.WACR1047 | DH.WACR1060 | DH.WACR1080 | DH.WACR1100 |
|                                       | 3Phase | -           | -           | DH.WACR3080 | DH.WACR3100 |

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

\* 운임 약 ₩ 30,000 별도!



#### (3) Spare Wire Baskets, Stainless-steel & Thermal Paper for Recorder

- SL.Bas7011 Wire Basket, φ 270 × h240mm, "Bas7011", for 47 Lit, "MaXterile 47", "MaXterile 47R" **NEW**
- SL.Bas7012 Wire Basket, φ 320 × h240mm, "Bas7012", for 60 Lit, "MaXterile 60", "MaXterile 60R" **NEW**
- SL.Bas7013 Wire Basket, φ 370 × h240mm, "Bas7013", for 80 Lit, "MaXterile 80", "MaXterile 80R" **NEW**
- SL.Bas7014 Wire Basket, φ 420 × h240mm, "Bas7014", for 100 Lit, "MaXterile 100", "MaXterile 100R" **NEW**
- DH.WACR5005 Thermal Paper, 5 × Paper Roll for "MaXterile R"

#### (4) Optional Perforated Bottom Baskets, Stainless-steel

- DH.WAC20047 Perforated Basket, φ 270 × h250mm, "WAC20047", for 47 Lit. "MaXterile 47", "MaXterile 47R"
- DH.WAC20060 Perforated Basket, φ 320 × h250mm, "WAC20060", for 60 Lit. "MaXterile 60", "MaXterile 60R"
- DH.WAC20080 Perforated Basket, φ 370 × h250mm, "WAC20080", for 80 Lit. "MaXterile 80", "MaXterile 80R"