

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/cm², up to 132 °C
 (1) **NEW** PED Certified-model(φ 3.0mm Thick-Tank), (2) Non-PED-model(φ 2.0mm Thick-Tank)



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 Message 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 ² at 121°C / 2.0 kgf/cm ² at 132°C, 0 ~ 3 kgf/cm ²			
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)	φ270 × h240	φ320 × h240	φ370 × h240	φ420 × h240
Dimension (w × d × h)	Inner (mm)	φ300 × h670	φ350 × h650	φ400 × h650
	Outer (mm)	700 × 470 × 1080	700 × 470 × 1080	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 Reqts.	1Phase - AC 120V, 60Hz or - AC 230V, 50/60Hz		1 Phase - AC 120V, 60Hz or - AC 230V, 50/60Hz 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 Cat. No.	230V	DH.WACR2047P	DH.WACR2060P	DH.WACR2080P	DH.WACR2100P
	120V <td>DH.WACR1047P <td>DH.WACR1060P <td>DH.WACR1080P <td>DH.WACR1100P</td> </td></td></td>	DH.WACR1047P <td>DH.WACR1060P <td>DH.WACR1080P <td>DH.WACR1100P</td> </td></td>	DH.WACR1060P <td>DH.WACR1080P <td>DH.WACR1100P</td> </td>	DH.WACR1080P <td>DH.WACR1100P</td>	DH.WACR1100P
	3Phase	-	-	DH.WACR3080P	DH.WACR3100P

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

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

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

* Other Specifications are available upon Customer's Request.

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

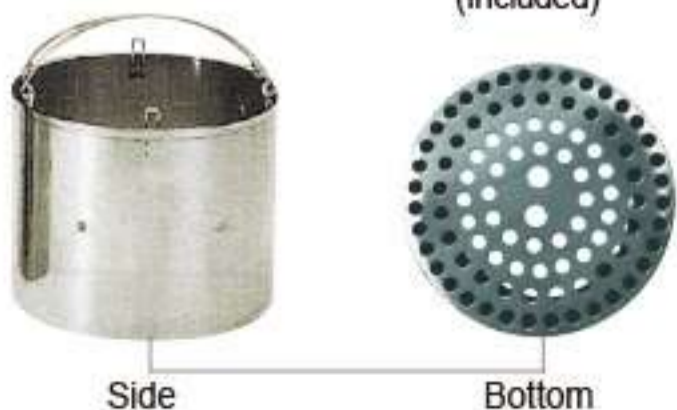
- SL.Bas7011 Wire Basket, φ270 × h240mm, "Bas7011", for 47 Lit, "MaXterile 47", "MaXterile 47R" **New**
- SL.Bas7012 Wire Basket, φ320 × h240mm, "Bas7012", for 60 Lit, "MaXterile 60", "MaXterile 60R" **New**
- SL.Bas7013 Wire Basket, φ370 × h240mm, "Bas7013", for 80 Lit, "MaXterile 80", "MaXterile 80R" **New**
- SL.Bas7014 Wire Basket, φ420 × 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, φ270 × h250mm, "WAC20047", for 47 Lit. "MaXterile 47", "MaXterile 47R"
- DH.WAC20060 Perforated Basket, φ320 × h250mm, "WAC20060", for 60 Lit. "MaXterile 60", "MaXterile 60R"
- DH.WAC20080 Perforated Basket, φ370 × h250mm, "WAC20080", for 80 Lit. "MaXterile 80", "MaXterile 80R"
- DH.WAC20100 Perforated Basket, φ420 × h250mm, "WAC20100", for 100 Lit. "MaXterile 100", "MaXterile 100R"

Autoclave with Validation (IQ, OQ) Service

- DH.WAC30047 Validation Service(IQ, OQ), with "MaXterile 47", "ACV47"
- DH.WAC30060 , with "MaXterile 60", "ACV60"
- DH.WAC30080 , with "MaXterile 80", "ACV80"
- DH.WAC30100 , with "MaXterile 100", "ACV100"
- DH.WACR0047 Validation Service(IQ, OQ), with "MaXterile 47R", "ACRV47"
- DH.WACR0060 , with "MaXterile 60R", "ACRV60"
- DH.WACR0080 , with "MaXterile 80R", "ACRV80"
- DH.WACR0100 , with "MaXterile 100R", "ACRV100"



(4) Perforated Bottom Basket, Stainless-steel (Optional)