

Sterilizers

Autoclaves, Bench-top Front Door

, Front Door

, Top-loading Vertical

, Accessories

Dry Heat Sterilizers

Plasma Sterilizers *New*



Autoclave, Bench-top Front Door
25 · 40 Lit, "Ste.B"



Autoclave, Top-loading / Vertical
47 · 60 · 80 · 100 Lit, "MaXterile™"



Dry Heat Sterilizer, 17 · 32 · 50 Lit



Plasma Sterilizer, 56 · 130 Lit

DAIHAN® Premium 25 & 40 Lit Programmable Bench-top Front Door Steam Sterilizer “Ste.B”, Medicaluse
 With Auto-Front Door, Pre- & Post-Vacuum System, Class-B Sterilization, Auto-Microprocessor Control, and Dual Door Lock, 110 °C ~135 °C SQUARE Chamber Autoclave, 2 Perforated Stainless-steel Tray, HEPA Filter, Max 2.30 bar

110 °C ~135 °C
 0.4 ~ 2.3 bar

Medicaluse



Thermal Printer
 (Optional)

25 & 40 Lit Bench-top Steam Sterilizer
 “Ste.B”

MODE	Temperature (°C)	Pressure (bar)	Sterilizing Time (min)	Drying Time (min)
Unwrapped 1	121	1.1	20	30
Unwrapped 2	134	2.1	5	30
Wrapped 1	121	1.1	30	30
Wrapped 2	134	2.1	15	30
Liquid	121	1.1	20	0
Bowie Dick	134	2.1	4	5
User Program	110 - 135	0.4 - 2.3	4 - 30	0 - 60

Program Cycle



Square Inner Chamber



Sliding Perforated Shelf



(1) SS Wire Tray



(2) SS Removable Rack



(3) HEPA Filter-kit, 0.3µm



(6) Thermal Printer



(5) Movable Stand

- Supplied by DAIHAN Korea
- 치과, 병원, 생명공학용에 적합한 멸균기
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System.
- Class-B Sterilization Cycle by EN13060-2 Standard : Pre Vacuum Air Removal → Water Filling → Heating → Sterilizing → Ventilation → Post Vacuum Drying → End
- SS Square Chamber for Corrosion Resistance and Maximum Working Space
- * Ideal for Dental Clinic, Hospital, Biotechnology, etc.
- * Full Automatic Process Cycle by High-performance Microprocessor Controller
- * Built-in Separate Water Reservoir Supplies Water Automatically
- * Self-diagnostic and Safety System :
 - Display Error Codes and Audible Alarm
 - Automatic and Manual Door Lock System
 - Over Pressure Release Valve
 - Over Temp Protector with Thermostat
- * Intuitive User Interface(LCD) & Indicator of Working(LED Lamp)

Specifications & Ordering information

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Spec.	Model	“Ste25.B”	“Ste40.B”
Capacity		25 Lit	40 Lit
Water Filling Tank		5 Lit (Reservoir)	
Sterilizing Cycle-type		Class-B Cycle by EN13060-2 Standard	
Temp Range		110 °C ~135 °C	
Pressure & Gauge		0.4 ~ 2.3 bar, Built-in Analog & Digital Pressure Gauge	
Timer & Alarm		Error Status & Timer-end	
Controller		Microprocessor PID Control System(Fully Automatic) with LCD Monitor	
Programmable Function		Pre-set 6 Programs (Customizable 5- & Fixed Bowie Dick 1- Program)	
Door Lock		Automatic Wheel Inter Locking with One Touch Sliding Handle	
Air Filtration System		Built-in HEPA Filter, 0.3µm Particle Removal 99.97%	
Vacuum Pump		Built-in Vacuum Pump(33LPM, 580mmHg) for Pre-vacuum & Post-vacuum Drying	
Air Removal-type		Vacuum	
Tray (Included)		2 Stainless-steel Perforated Tray	
Safety Circuit		Over-Temp / -Pressure / -Current protection, Sensor Error Detection	
Printer (Optional)		Thermal printer with 1 Record Paper Roll: w58 × ϕ40mm 1000 Sterilization Cycle Data / roll (Date, Temperature, Pressure, Time, Error Status, etc.)	
Material		Interior : Stainless-steel 304 Polished, Exterior : Epoxy Powder Coated Steel	
Dimension (w×d×h) & Weight	Interior	270 × 420 × h230mm	300 × 480 × h300mm
	Exterior	495 × 689 × h460mm, 60kg	527 × 787 × h530mm, 70kg
	Packing	580 × 750 × h580mm, 75kg	650 × 820 × h740mm, 85kg
Power Consumption		2.5kW	
Electric Reqts.		220V, 50/60 Hz, 1 Phase	
Cat. No.	220V	DH.SteB8001	DH.SteB8002

* Other Specifications are available upon Customer's Request.

Spare Accessory

- DH.SteBA1013 (1) SS Wire Tray, 260 × 370mm, for “Ste25.B” Upgrade
 DH.SteBA1017 , 273 × 410mm, for “Ste40.B” Upgrade
 DH.SteBA1011 (2) SS Removable Rack, 260 × 385 × h155mm, for “Ste25.B”
 DH.SteBA1016 , 290 × 425 × h185mm, for “Ste40.B”
 DH.SteA1015 (3) Replacement HEPA Filter-kit, 0.3µm

Optional Accessory

- DH.SteBA1010 (4) SS Perforated Tray, 255 × 365 × h25mm, for “Ste25.B”
 DH.SteBA1015 , 285 × 405 × h30mm, for “Ste40.B”
 DH.SteBA1026 (5) Movable Stand with 1 Drawer, 580 × 700 × h850mm
 DH.SteA1005 (6) Thermal Printer, Paper Roll, “STE1005”
 DH.SteA1006 Thermal Paper Package, 4 Paper Roll, for “STE1005”

Bench-top Autoclave with Validation (IQ, OQ) Service

- DH.SteB5025 Validation Service(IQ, OQ), with “Ste25.B”
 DH.SteB5040 , with “Ste40.B”

DAIHAN® Digital Fuzzy-control Autoclave “MaXterile™”, *I. Medicaluse(Recorder-type)* & *II. Lab-use(Standard-type)* Upgrade

With PED Certified ϕ 3.0mm Thick-Tank, Max.2 kgf/cm², Electronic Door Lock System, 47 · 60 · 80 · 100 Lit, up to 132 °C Lever-type Sliding Door, Steam Condensing, Solid-/Liquid-Models



I. Medicaluse Approved, “MaXterile™ 80R” with Chart Recorder



II. Standard-type, “MaXterile™ 80” without Chart Recorder

- Supplied by DAIHAN 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® 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
- * “B-type” 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.
- * Digital Timer Function - ‘Delay Time’ and ‘Operation Time’ can be Controlled.
- * 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

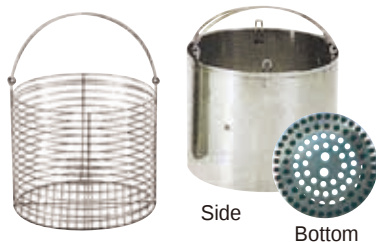
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	“MaXterile 47R” Max. 47Lit	“MaXterile 60R” Max. 60Lit	“MaXterile 80R” Max. 80Lit	“MaXterile 100R” Max. 100Lit	
I. Medicaluse Approved Recorder type	Thermal printer with 1 Record Paper Roll : w58×φ40mm 1000 Sterilization Cycle Data / roll (Date, Temperature, Pressure, Time, Error Status, etc.)				
	“MaXterile 47”	“MaXterile 60”	“MaXterile 80”	“MaXterile 100”	
Capacity	47 Lit	60 Lit	80 Lit	100 Lit	
Temp Range & Accuracy	Room Temp +5℃~132℃, ±0.5℃ at 121℃				
Pressure & Gauge	1.2 kgf/cm² at 121℃ / 2.0 kgf/cm² at 132℃, 0~3 kgf/cm²				
Sterilization Mode	Solid- or Liquid-mode, Chosen by a Customer				
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				
Material	Pressure Vessel-Stainless-steel(# 304), External-Powder Coated steel				
Basket (Included)	2 Stainless-steel Wire Basket				
Basket Dimension (mm)		φ270×h240	φ320×h240	φ370×h240	φ420×h240
Dimension (w×d×h)	Inner (mm)	φ300×h670	φ350×h650	φ400×h650	φ450×h630
	Outer (mm)	700×470×1080	700×470×1080	810×580×1140	810×580×1140
Packing Size (mm)	840×610×h1,252mm		950×730×h1,352mm		
Gross Weight (kg)	117kg	120kg	170kg	170kg	
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		
I. Medicaluse Cat. No.	230V	DH.WACR2047P	DH.WACR2060P	DH.WACR2080P	DH.WACR2100P
	120V	DH.WACR1047P	DH.WACR1060P	DH.WACR1080P	DH.WACR1100P
	3Phase	-	-	DH.WACR3080P	DH.WACR3100P
II. Standard 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

* Other Specifications are available upon Customer's Request.

<Continued On Next Page>

<Continued From...DAIHAN® Digital Fuzzy-control Autoclave, “MaXterile™” Standard-type/Recorder-type>



(1) Wire Basket
Stainless-steel
(Included)

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

(1) Spare Wire Basket, Stainless-steel & Thermal Paper for Recorder

SL.Bas7011	Wire Basket, $\phi 270 \times h240$ mm, “Bas7011”, for 47 Lit, “MaXterile 47 & 47R”
SL.Bas7012	, $\phi 320 \times h240$ mm, “Bas7012”, for 60 Lit, “MaXterile 60 & 60R”
SL.Bas7013	, $\phi 370 \times h240$ mm, “Bas7013”, for 80 Lit, “MaXterile 80 & 80R”
SL.Bas7014	, $\phi 420 \times h240$ mm, “Bas7014”, for 100 Lit, “MaXterile 100 & 100R”
DH.WACR5004	Thermal Paper for Recording Printer, 4× Paper Roll, for 1000 Sterilization Cycle Data / roll (Date, Temperature, Pressure, Time, Error Status, etc.)

(2) Optional Perforated Bottom Basket, Stainless-steel

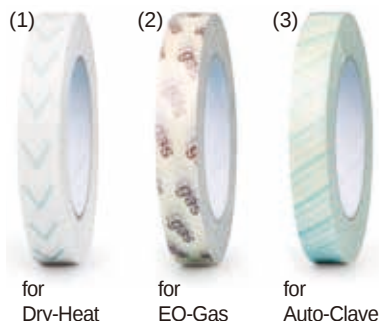
DH.WAC20047	Basket, $\phi 270 \times h250$ mm, “WAC20047”, for 47 Lit, “MaXterile 47 & 47R”
DH.WAC20060	, $\phi 320 \times h250$ mm, “WAC20060”, for 60 Lit, “MaXterile 60 & 60R”
DH.WAC20080	, $\phi 370 \times h250$ mm, “WAC20080”, for 80 Lit, “MaXterile 80 & 80R”
DH.WAC20100	, $\phi 420 \times h250$ mm, “WAC20100”, for 100 Lit, “MaXterile 100 & 100R”

Autoclave with Validation (IQ, OQ) Service

DH.WAC30047	Validation Service(IQ, OQ), with “MaXterile 47”
DH.WAC30060	, with “MaXterile 60”
DH.WAC30080	, with “MaXterile 80”
DH.WAC30100	, with “MaXterile 100”

Ea. Price, ₩

DH.WACR0047	Validation Service(IQ, OQ), with “MaXterile 47R”
DH.WACR0060	, with “MaXterile 60R”
DH.WACR0080	, with “MaXterile 80R”
DH.WACR0100	, with “MaXterile 100R”



for
Dry-Heat

for
EO-Gas

for
Auto-Clave

Sterilization Indicator Tape, w19mm×L50m/Roll

For Dry-Heat, EO-Gas, and Steam Sterile(Autoclaving), 멸균 감지 테이프

* Changing Color after Expose to Sterilization Process(Dry-Heat, EO-gas, Steam Sterile)

(1) For Dry-Heat Sterile, <Italy-Made>

KA.1051	Dry-Heat Sterile Indicator, w19mm×L50m/Roll, White→Brown
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(2) For EO-Gas Sterile, <Germany-Made>

HH.1080551	EO-Gas Sterile Indicator, w19mm×L50m/Roll, Red→Green
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(3) For Steam Sterile(Autoclaving), <Germany-Made>

HH.1080550	Autoclave/Steam Sterile Indicator, w19mm×L50m/Roll, Green→Brown
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Sterilization Indicator Roll Bags, with Printed Graduations, L200m/Roll

For Autoclave & EO-Gas Sterilization, 멸균 감지 포장지

■ 오토클레이브 또는 EO가스 멸균 시 포장하여 포장지의 색변화를 통해 멸균 여부를 감지할 수 있음.

■ When Autoclave or EO Gas Sterilization, It can be Indicated Sterilization through a Color Change of Packaging.

■ It has Printed Graduations for Convenience to Cut, It is not Necessary to Worry about Object Length.

* Bag can be Sealed with Heat Sealer * Material : PET+CPP · Paper

* Discoloration : Autoclave / Blue → Black. EO-Gas / Red → Brown

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SL.Bag9092	Sterilization Indicator Bag, w75×L200m/Roll
SL.Bag9093	, w100×L200m/Roll
SL.Bag9094	, w150×L200m/Roll
SL.Bag9095	, w200×L200m/Roll
SL.Bag9096	, w250×L200m/Roll



Dry-Heat Sterilizer Indicator Label on Sheet, 160℃/3h, 180℃/30min, Pink⇒Brown

For Indicating Sterilizer, Color-Changing : from Pink to Brown, 가열 멸균 감지 라벨

* Change of Color : Pink ► Brown * Changing Time : 30 minutes at 180℃, 3 Hours at 160℃

SL.Lab9051	Heat-Sterile Label “D-L”, w19×L32mm
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Cs.	Price, ₩
500ea	



Anabac® Deodorant “Classic” for Autoclaving, 100 Tablets

Ideal for Deodorization, Deodorant Capacity : max 200Lit per One-tablet, 사과향 오토클레이브용 탈취제

* French Bracing Fragrance * 100 Tablets / Packed in PP/Paper Container

* Deodorant Volume : Max 200Lit per 1-Tablet

SL.Deo1011	Deodorant for Autoclave Apple, 100 Tablets/a Container
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Pk.	Price, ₩
100ea	

DAIHAN® 90Lit Steam Sterilizer “Ste90.F”, Floor-type Front Door, 110~135 °C, Medicaluse

With Built-in Steam Generator, Water Ejector Vacuum Pump, Thermal Printer, 2 Perforated SS Tray, HEPA Filter
SQUARE Chamber Autoclave, Pre- & Post-Vacuum Drying, Auto-Door Lock & Alarm System, Max 2.30 bar,

110~135 °C
0.4 ~ 2.3 bar

Medicaluse



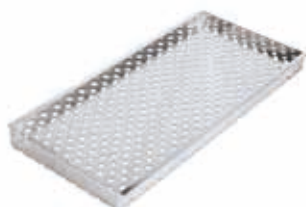
90Lit Front Door Steam Sterilizer “Ste90.F”



Fig1. Vertical Sliding Door & Square Chamber

MODE	Temperature (°C)	Pressure (bar)	Sterilizing Time (min)	Drying Time (min)
Unwrapped 1	121	1.1	20	30
Unwrapped 2	134	2.1	5	30
Wrapped 1	121	1.1	30	30
Wrapped 2	134	2.1	15	30
Liquid	121	1.1	20	0
Bowie Dick	134	2.1	4	5
User Program	110 - 135	0.4 - 2.3	4 - 30	0 - 60

Program Cycle



(1) SS Perforated Tray



(2) Thermal Paper Roll

- Supplied by DAIHAN Korea ■ PL(Product Liability)
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System.
- Class-B Sterilization Cycle by EN285 Standard :
Pre-vacuum → Steam Generation → Steam Injection → Sterilizing → Exhaust → Post-vacuum Drying → End of Cycle

- * Ideal for Dental Clinical, Medical, Biotechnology, etc.
- * Pre-vacuum Air Removal & Post Vacuum Drying for Perfect Sterilizing
- * Built-in Steam Generator Supplies Water Automatically and Sprays Steam into the Chamber
- * Water Ejector Vacuum Pump : Effective for Fluid Control(1800L/hr)
- * Air Filtration System : 0.3µm HEPA Filter of Efficiency up to 99.97%
- * Automatic Dual Door Locking System for User Safety.
- * Programmable Function : Provides 6-Program & User Customizable 1 Program
- * Intuitive User Interface(LCD) & Indicator of Working(LED Lamp)
- * Self-Diagnostic and Display Error Codes
- * Visual and Audible Alarm System
- * Sturdy and Convenient Locking Wheel helps to Move Easily
- * Built-in Thermal Printer

Specifications & Ordering information

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Spec.	Model	“Ste90.F”
Capacity		90 Lit
Sterilizing Cycle-type		Class-B Cycle by EN-285 Standard
Temp Range		110 °C ~ 135 °C
Pressure & Gauge		0.4~2.3 bar, Built-in Analog & Digital Pressure Gauge
Timer & Alarm		60 min, Error Status & Timer-end Alarm
Display		Digital LCD with Back-Light Function & LED Lamp (Working Process)
Controller		Microprocessor Digital PID Control System (Full Automatic)
Programmable Function		Pre-set 6 Programs (Customizable 5- & Fixed Bowie Dick 1- Program)
Door-type		Manual Vertical Sliding Door, Automatic Door Locking System
Chamber		Reinforced and Electro Polished Square Chamber with Double Jacket
Tray (Included)		2 Stainless-steel Perforated Tray
Safety Circuit		Over-Temp / -Pressure / -Current protection, Sensor Error Detection
Printer		Thermal printer with 1 Record Paper Roll: w58 × ϕ40mm 1000 Sterilization Cycle Data / roll (Date, Temperature, Pressure, Time, Error Status, etc.)
Material		Interior : Stainless-steel 304 Pressure Vessel, Exterior : Stainless-steel
Dimension (w × d × h) & Weight	Interior	338 × 712 × h378mm
	Exterior	625 × 990 × h1300mm, 280kg
	Packing	850 × 1100 × h1400mm, 295kg
Power Consumption		6.0 kW
Electric Reqts.		220V, 50/60 Hz, 1 Phase
Cat. No.		DH.SteF8001
Price, Each. ₩		

* Other Specifications are available upon Customer's Request.

Spare Accessory

- DH.SteFA1001 (1) SS Perforated Tray, 323 × 667 × h54 mm for “Ste90.F”
- DH.SteA1006 (2) Thermal Paper Package, 4 Paper Roll for Thermal Recorder
- DH.SteA1016 Replacement HEPA Filter-kit

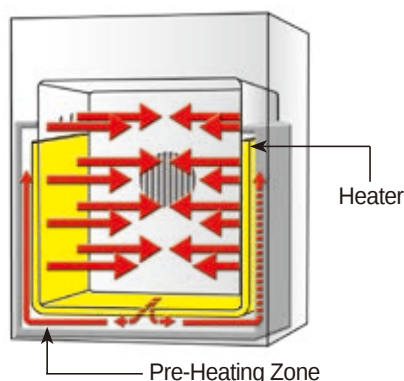
Front Loading Sterilizer with Validation (IQ, OQ) Service

- DH.SteF5001 Validation Service(IQ, OQ), with “Ste90.F”

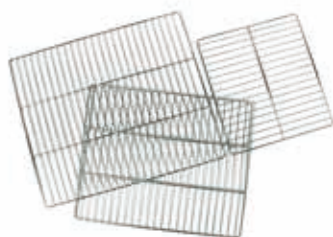
DAIHAN® 17 · 32 · 50Lit Dry Heat Sterilizer “SteD”, with Fast Cooling System, Thermal Printer, Forced Air, up to 230°C, *Medicaluse*
Ideal for Dental Clinic, Hospital, Biotechnology, Fast Sterilization Time(3min at 190°C & 1hr at 160°C), *건열 멸균기*



B. “SteD-30” & C. “SteD-50” Model



3-Side Heating Zone Forced-air Mechanism



(1) SS Wire Shelf (Included)

- Supplied by DAIHAN Korea
- *PL(Product Liability) Insurance*
- *치과, 병원, 생명공학용에 적합한 멸균기*
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System.
- Optimized Air Flow by Forced-air Mechanism
- 3-Side Heating Zone : The Best Temp Uniformity & Accuracy by High Performance Heating Mechanism
- Fast Cooling System : Powerful Cooling Fan ensures only 50min Cooling Time (Down to 50°C)
- * Digital PID Control System Implementing Superior Temperature Accuracy
- * Patented Jog-Dial & Push Button Control System
- * Space Saving Compact Size
- * Efficient Square Inner Chamber
- * Alarm Function : Error Status and Timer-end

Specifications & Ordering information

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Spec.	Model	A. “SteD-17” <i>NEW</i>	B. “SteD-30”	C. “SteD-50”
Capacity		17 Lit	32 Lit	50 Lit
Heater Power		1,400 W		
Sterilization Modes		① Custom Setting Mode		
		② 3min at 190°C		
		③ 1hr at 160°C		
Temp	Range	Room Temp +5°C to 230°C		
	Fluctuation	±1.0°C at 37°C, ±1.5°C at 160°C & 190°C		
	Variation	±1.0°C at 37°C, ±3.0°C at 160°C, ±5.0°C at 190°C		
	Sensor	PT100		
Cooling Time		Approx. 50min Down to 50°C		
Temp Resolution		± 0.1°C		
Circulation		Forced-air Type		
Controller		Digital PID Control by Advanced Microprocessor Jog-Dial with Push Button		
Display		Digital LCD with Back Light		
Timer		99hr 59min (Delay / Continuous Function)		
Printer		Thermal printer with 1 Record Paper Roll: w58 × φ 40mm 1000 Sterilization Cycle Data / roll (Date, Temperature, Time, Error Status, etc.)		
Material	Internal	Stainless-steel (#304)		
	External	Powder Coated Steel		
	Insulation	Glass Wool		
Shelf (Included)		2 Stainless-steel Wire Shelf Load per Shelf : 16kg		
Safety Device		Over Temp and Over Current Protector Sensor Error Detector		
Dimension (w×d×h)	Interior	225×215×h340mm	310×290×h360mm	370×345×h420mm
	Exterior	546×485×h517mm	458×595×h664mm	518×647×h724mm
	Packing	650×592×h600mm	562×702×h747mm	622×754×h807mm
Net Weight		30kg	36kg	44kg
Shipping Weight		38kg	43kg	59kg
Power Consumption		1.5 Kw		
Electric Reqts.		230V, 50/60 Hz		
Cat. No.		DH.SteD0002	DH.SteD0003	DH.SteD0005
Price, Each. ₩				

* Other Specifications are available upon Customer's Request.

Spare Stainless-steel Wire Shelf

DH.SteD17S (1) Wire Shelf, 240×200mm, for 17 Lit *NEW*
DH.WIG12032 , 280×260mm, for 32 Lit, “IGSN032”
DH.WON11050 , 340×310mm, for 50 Lit, “ONS050”

Dry Heat Sterilizer with Validation (IQ,OQ) Service

DH.SteD5001 Validation Service(IQ, OQ), with “SteD-17” *NEW*
DH.SteD5003 , with “SteD-30”
DH.SteD5005 , with “SteD-50”

DAIHAN® 18 Lit Compact Low Temp Plasma Sterilizer “Ste020.P”, Max. 60°C, *Medicaluse*
 Ideal for Medical Instrument, 50% Hydrogen Peroxide Injection, Microprocessor 7" Touch Screen Controller
 With Automatic Inter Lock Door & SQUARE Chamber, 2 Stainless-steel Wire Shelves, (Min. 30min)

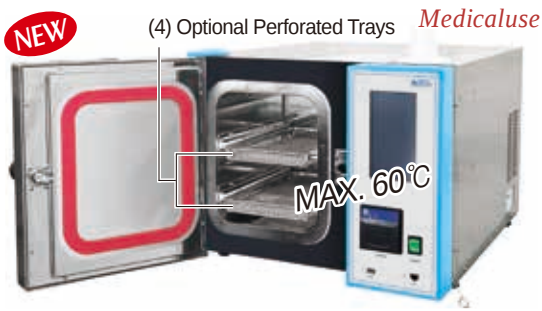


Fig. 18Lit Plasma Sterilizer
 with Optional Perforated Trays
 (2 Wire Trays are Included)

- Supplied by DAIHAN Korea
- **PL(Product Liability)**
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System.
- 치과, 동물병원, 소방서 등 소형 병의원 사용에 적합
- Ideal for Low Temperature Plasma Sterilizer to Inactivate Microorganisms for a Broad range of Metal and Nonmetal Medical Devices and Surgical Instruments at Low Temperature.
- Improved Safety Sterilization with Special Vacuum Process.
- * It does not Damage Compatible Instruments which are Sensitive to "Heat" and "Moisture"
- * Cartridge Type H₂O₂ Injection System
- * Efficient in Using Space with Compact Size Body & Squared Inner Chamber
- * Various Operating Modes : Quick-, Standard-, Intense-Mode
- * Processing for Sterilizing :
 - ▶ "Ste020.P" : Vacuum → H₂O₂ Injection → Diffusion → Vacuum → Venting

Specifications & Ordering information

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Spec.	Model	"Ste020.P"
Capacity		18 Lit
Sterilization Temp		50°C
Sterilant		50% Hydrogen Peroxide(H ₂ O ₂)
Mode		Quick : 30min Standard : 40min Intense : 50min
Vacuum Pump		Built-in type, 70L/min
Sterilant Removal System		Special Vacuum Process
Controller & Display		Microprocessor 7" Touch Screen Controller
Tray (Included)		2 Stainless-steel Wire Trays, 177 × 300 × h23mm
Safety Circuit		Over-Temp Protection, Current Leakage Breaker
Printer		Thermal printer with 1 Record Paper Roll : w58 × ϕ 40mm 1000 Sterilization Cycle Data / roll (Date, Temperature, Time, Error Status, etc.)
Material		Chamber : Stainless-steel(#316), Exterior : Stainless-steel(#304)
Dimension (w × d × h) & Weight	Interior	225 × 320 × h265mm
	Exterior	540 × 725 × h430mm, 65kg
	Packing	600 × 780 × h550mm, 70kg
Power Consumption		1.3 kW
Electric Reqts.		AC 220V, 50/60Hz, 1 Phase
Cat. No.		DH.SteP020

* Other Specifications are available upon Customer's Request.

Spare Accessory

- DH.StePA2001** (1) SS Wire Tray, 177 × 300 × h23mm for "Ste020.P"
- DH.StePA2006** (2) Cartridge with Hydrogen Peroxide(50%), 100ml
- DH.SteA1006** (3) Thermal Paper Package, 4 Paper Roll for Thermal Recorder

Optional Accessory

- DH.StePA2002** (4) SS Perforated Tray, 177 × 300 × h23mm for "Ste020.P"
- DH.StePA2011** (5) Oil Mist Trap for "Ste020.P"
- DH.StePA2015** Oil for Vacuum Pump, 1Lit for "Ste020.P"
- DH.StePA2021** (6) Movable Stand with 1 Drawer, 240 × 400 × 610mm
- DH.StePA1030** (7) Biological Indicator, 100ea.
- DH.StePA1031** (8) Chemical Indicator, 250sheet.



DAIHAN Labtech® 56 & 130 Lit Low Temp Plasma Sterilizer “MaXterile™ PS”, Max. 60°C, Medicaluse

Suitable for Medical Instrument, 50% Hydrogen Peroxide Injection, Microprocessor Touch Screen Controller

With Front Door & SQUARE Chamber, 2 Perforated Stainless-steel Tray, Emergency Stop Button(PS130)



56Lit “MaXterile PS60”



130Lit “MaXterile™ PS130”



(1) 50% H₂O₂ Bottle



(2) Air Filter-kit



(3) Movable Stand for “MaXterile PS60”



(4) Indicator

- Supplied by DAIHAN Korea
- PL(Product Liability)
- 수술용 내시경, 카테터, 모터가 있는 수술기구 등 고온, 증기, 압력에 취약한 의료기기의 멸균에 적합
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System.
- Speedy Sterilization Time within 30-60min, Economical Cycle Cost
- Environment Friendly : H₂O₂ Decomposes to Oxygen and Vapor Water, Leaving No Residues
- * Ideal for Sterilization of Medical Instruments that are Vulnerable to High Temp, Steam & Pressure such as Surgical Endoscopes, Catheter, Electric Surgical Instruments with Motor
- * Lumen Test Certification by EN13060 / EN867-5 : - Flexible Lumen : $\phi 1 \times 12,000\text{mm}$
- Stainless-steel Lumen : $\phi 1 \times 1,000\text{mm}$ - Single through Lumen : $\phi 1 \times 1,500\text{mm}$
- * Special H₂O₂ Injection System
- * Self-diagnose and display Error Code ; Stops Operation and Vents in case of Any Malfunction
- * Economical because of Using General 50% Hydrogen Peroxide(H₂O₂)
- * Efficient in Using Space with Compact Size Body & Squared Inner Chamber
- * Processing for Perfect Sterilizing :
 - Pre-Chamber Cleaning : Pre-Vacuum → H₂O₂ Injection → Diffusion
 - Plasma Sterilization : Vacuum → Plasma Processing & Sterilization → H₂O₂ Injection → Diffusion
 - Post Chamber Cleaning : Vacuum → Plasma Processing → Venting
- * Built-in Thermal Printer

Specifications & Ordering information

<M3>

Spec.	Model	“MaXterile™ PS60”	“MaXterile™ PS130”
Capacity		56 Lit	130 Lit
Sterilization Temp		55°C	
Sterilant		50% Hydrogen Peroxide(H ₂ O ₂)	
Mode		Quick : 30 min Standard : 40 min Intense : 50 min	
Vacuum Capacity		330 Lit / min	513 Lit / min
Ambient Condition		Pressure : 700~1060 hPa, Temp : 10°C~40°C, Humidity : 30~75%	
Controller & Display		Microprocessor Touch Screen Controller (Temp, Timer, Program Cycle, Vacuum) 7" LCD	
Door System		Push Interlocking	Automatic Interlocking
Tray (Included)		2 Stainless-steel Perforated Tray	
Safety Circuit		Over-Temp Protection, Current Leakage Breaker	
Printer		Thermal printer with 1 Record Paper Roll: w58× ϕ 40mm 1000 Sterilization Cycle Data / roll (Date, Temperature, Time, Error Status, etc.)	
Material		Interior : Reinforced & Electro Polished 304, Exterior : Stainless-steel 304	
Dimension (w×d×h) & Weight	Interior	285×700×h285mm	454×707×h404mm
	Exterior	680×880×h890mm, 172kg	750×980×h1600mm, 350kg
	Packing	720×900×h930mm, 190kg	900×1150×h1800mm, 360kg
Power Consumption		3.0 kW	3.3 kW
Electric Reqts.		220V, 50/60Hz, 1 Phase	
Cat. No.		DH.SteP8001	DH.SteP8002
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

Spare Accessory

- DH.StePA1001 SS Perforated Tray, 250×660mm for “MaXterile PS60”
- DH.StePA1006 SS Perforated Tray, 435×650×h30mm for “MaXterile PS130”
- DH.StePA1011 (1) Bottle with Hydrogen Peroxide(50%), 100ml
- DH.StePA1012 Spare Bottle Only, $\phi 55 \times 124\text{mm}$
- DH.SteA1006 Thermal Paper Package, 4 Paper Roll for Thermal Recorder
- DH.SteA1016 (2) Replacement Air Filter-kit

Optional Accessory

- DH.StePA1015 Oil Mist Trap for “MaXterile PS60”
- DH.StePA1016 Oil Mist Trap for “MaXterile PS130”
- DH.StePA1017 Oil for Vacuum Pump, 1Lit for “MaXterile PS60”
- DH.StePA1018 Oil for Vacuum Pump, 1Lit for “MaXterile PS130”
- DH.StePA1025 (3) Movable Stand with 1 Drawer, 680×865×h610mm
- DH.StePA1030 (4) Biological Indicator, 100ea.
- DH.StePA1031 (5) Chemical Indicator, 250sheet.

CERTIFICATES

- ✓ Quality
- ✓ Safety
- ✓ Environment Management

- CE** EMC & LVD Compliance
The Certified DAIHAN Laboratory Instruments are Specified in this Catalog
- UL** UL Certification
Laboratory-use Electrical Equipment
for General-type Incubators & Oven, B.O.D Incubators, Vacuum Ovens, ULT Freezers
- GD (Good Design) Mark**
- GMP** GMP Certification
Good Manufacturing Practices of Medical Device
- ISO 9001** System Certification
Design, Development, Manufacture & Servicing
for All DAIHAN Laboratory Instruments
- ISO 13485** System Certification
Design, Development, Manufacture & Servicing
for All DAIHAN Laboratory Instruments
- SQ (Service Qualification) Certification**

