



FLOOR STAND HORIZONTAL STEAM STERILIZER

SINGLE and PASS-THROUGH DOUBLE DOOR



ES-7305SP

ES-7505SP

ES-7307SP

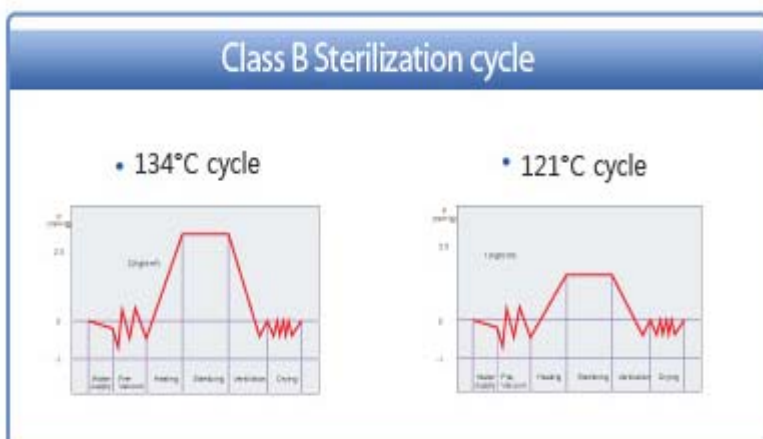
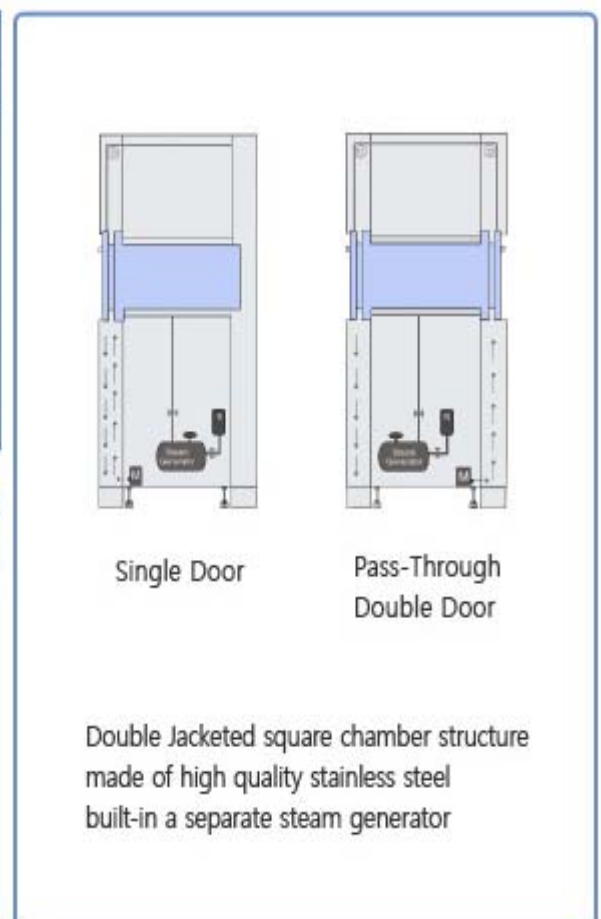
ES-7507SP



Features

- Sterilization temperature 110°C to 135°C EN-13060-2 class B sterilization cycle**
 Pre vacuum - water filling - heating - sterilizing - ventilation - post vacuum drying - end cycle
- Pre vacuum air removal and Post vacuum Drying system**
 Pre-vacuum for effective air removal that results in increasing sterilization performance. Post-vacuum for drying with remaining steam removal.
- Full automatic operation system with Microprocessor PID program controller**
 Easy operation with full automatic process cycle operated by microprocessor controller from pre-programmed process cycle.
- Self - diagnostic and Safety system**
 In case of any malfunction, it alarms and displays error codes for easy maintenance, being stop working with automatic ventilation process for safety purpose.
- Air filtration cooling system**
 For the process of drying cycle, 0.2mm HEPA filtered clean air flows into the chamber in order to protect air contamination and to cool down below 60°C
- Built-in steam generator and water reservoir**
 Water re-circulation system reduces the total sterilizing water consumption and pre heated double jacket chamber stand-by for quick operation
- Automatic door locking system**
 Door can be easily sliding up and down to open or close by counter balanced weighing mechanism
 Simply press start key to operate, door will be automatically locked and unlocked by mechanical can lock system
 During operation cycle, door can not be opened
- Safety Mechanism**
 - › Over pressure release valve
 - › Over temperature protector with Thermostat
 - › Higher temp set protector by Digital high alarm limit
 - › Visual and Audible alarm system
 - › Automatic dual door locking system

| MODEL | Temperature (°C) | Pressure (kgf / cm ²) | Sterilizing Time (min) | Drying Time (min) |
|--------------|------------------|-----------------------------------|------------------------|-------------------|
| Unwrapped 1 | 121 | 1.1 | 20 | 15 - 20 |
| Unwrapped 2 | 134 | 2.1 | 5 | 5 - 20 |
| Wrapped 1 | 121 | 1.1 | 30 | 20 - 25 |
| Wrapped 2 | 134 | 2.1 | 15 | 20 - 25 |
| Liquid | 121 | 1.1 | 20 | 0 |
| Bowie Dick | 134 | 2.1 | 4 | 5 - 10 |
| User Program | 110-135 | 0.4 - 2.3 | 4 - 30 | 0 - 60 |



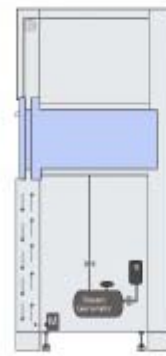
| MODEL | Temperature (°C) | Pressure (kgf / cm ²) | Sterilizing Time (min) | Drying Time (min) |
|--------------|------------------|-----------------------------------|------------------------|-------------------|
| Unwrapped 1 | 121 | 1.1 | 20 | 15 - 20 |
| Unwrapped 2 | 134 | 2.1 | 5 | 5 - 20 |
| Wrapped 1 | 121 | 1.1 | 30 | 20 - 25 |
| Wrapped 2 | 134 | 2.1 | 15 | 20 - 25 |
| Liquid | 121 | 1.1 | 20 | 0 |
| Bowie Dick | 134 | 2.1 | 4 | 5 - 10 |
| User Program | 110-135 | 0.4 - 2.3 | 4 - 30 | 0 - 60 |

Class B Sterilization cycle

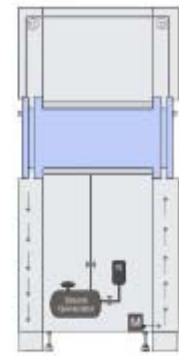
• 134°C cycle



• 121°C cycle



Single Door



Pass-Through Double Door

Double Jacketed square chamber structure made of high quality stainless steel built-in a separate steam generator

Specification

| MODEL | ES-7305SP | ES-7505SP | |
|----------------------|---|--|--|
| Dimensions | Outer 1100 x 1240 x 1800 | 1200 x 1340 x 1800 | |
| (W x D x H mm) | Square Part 500 x 110 x 500 | 600 x 110 x 600 | |
| | Round Part ID Φ600 x D 1020 mm | ID Φ700 x D 1220 mm | |
| Steam Generator | Built-in 45ℓ Boiler / 18kW Heater | 60ℓ Boiler / 24kW Heater | |
| Stainless Steel Tray | 480 x 980 / 340 x 980 mm | 580 x 1180 / 440 x 1180 mm | |
| Chamber | Capacity 300ℓ | 500ℓ | |
| | Type | Double Jacketed Square / Round chamber | |
| | Material | Stainless Steel 304 (STS 316L Option) | |
| Sterilization | Temp. Range | 110°C - 135°C (max) | |
| | Pressure Range | 0.4 - 2.3 Kgf/cm ² | |
| | Course | Liquid / Unwrapped 1 & 2 / wrapped 1 & 2 / B/D test / User program | |
| Vacuum | Pre-vacuum with water ejector vacuum pump system | | |
| Controller | 6 Programmed with 1 User Program in Digital PID Controller | | |
| Display | LCD monitor for Temperature, Pressure, Timer, Program cycle, | | |
| Door | Single door / Auto vertical sliding door, Automatic Door Locking System | | |
| Printer | Built - in Thermal Printer | | |
| Electric Supply | 380V 50/60Hz 3PH, 4 Line | | |

| MODEL | ES-7307DS | ES-7507DS |
|---------------------|---|-----------|
| Door / Steam System | Pass-Through Front & Rear Double / Built - in steam generator | |

| MODEL | ES-7306ES | ES-7506ES |
|---------------------|--|-----------|
| Steam Supply System | External steam supplied models / without steam generator | |

★ Specifications can be changed without prior notice for quality improvement



FLOOR STAND HORIZONTAL STEAM STERILIZER



200 / 300 lt
FRONT LOADING
AUTO DOOR

ES-6205SP
ES-6305SP

I Specification

ES-6205SP

| MODEL | | ES-6205SP | ES-6305SP |
|------------------------------|----------------|--|--------------------------|
| Dimensions (W x D x H mm) | Outer | 700 x 1140 x 1745 | 800 x 1240 x 1845 |
| | Square Part | 400 x 110 x 400 | 500 x 110 x 500 |
| | Round Part | ID Ø500 x D 970 mm | ID Ø600 x D 1020 mm |
| Steam Generator | Built-in | 30ℓ Boiler / 12kW Heater | 45ℓ Boiler / 18kW Heater |
| Stainless Steel Tray | | 300 x 960 / 250 x 960 mm | 480 x 980 / 340 x 980 mm |
| Chamber | Capacity | 200ℓ | 300ℓ |
| | Type | Double Jacketed Square / Round chamber | |
| | Material | Stainless Steel 304 (STS 316L Option) | |
| Sterilization | Temp. Range | 110°C - 135°C (max) | |
| | Pressure Range | 0.4 - 2.3 Kgf/cm ² | |
| | Course | Liquid / Unwrapped 1 & 2 / wrapped 1 & 2 / B/D test / User program | |
| Vacuum | | Pre-vacuum with water ejector vacuum pump system | |
| Controller | | 6 Programmed with 1 User Program in Digital PID Controller | |
| Display | | LCD monitor for Temperature, Pressure, Timer, Program cycle, | |
| Door | | Manual / Auto vertical sliding door, Automatic Door Locking System | |
| Printer | | Built - in Thermal Printer | |
| Electric Supply | | 380V 50/60Hz 3PH, 4 Line | |

| Model | ES-6206SP | ES-6306SP |
|--------------|--|-----------|
| Steam Supply | External steam supplied models without steam generator | |

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