

# Products

## SERIES 2800

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SPEC

|              |          |                                            |
|--------------|----------|--------------------------------------------|
| MODEL        |          | Series 2800                                |
| Overall Size |          | 958(W) x 1,855(H) x 1,330(L)mm             |
| Door Type    |          | Vertical Sliding Door                      |
| Chamber      | Size     | 450(W) x 500(H) × 1,250(L)mm (Rectangular) |
|              | Material | Stainless Steel                            |

|                       |                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|
|                       |                                                                                                                               |
| Temperature Range     | 110°C~135°C (230°F ~275°F)                                                                                                    |
| Operation Cycle       | Pre-Vacuum, Flash, Liquid, Gravity, Leak-Test, Bowie-Dick Test                                                                |
| Printer               | Thermal dot Matrix, 40 characters per line                                                                                    |
| Control System        | PLC or Embedded system                                                                                                        |
| Vacuum System         | Vacuum with Watering Vacuum pump or Water Ejector                                                                             |
| Electric Consumption  | AC 1P 220V and 3P 380V, 50/60Hz, 22Kw                                                                                         |
| Display               | Color 5.7" TFT-LCD Touch Screen                                                                                               |
| Steam Source (Selcet) | Built-in Steam Generator : 18Kw(380V 3P) Heater House Steam Supply: Pipe ½”, Flow rate-<br>Max 75kg/hr, Pressure 3.5~5Kgf/cm² |
| Water Supply          | ½” above, Water Pressure 1~3Kgf/cm²                                                                                           |
| Air Supply            | ¼” Air pressure 4~6Kgf/cm²                                                                                                    |
| Drain Pipe            | Copper or Steel, above 1"                                                                                                     |
| Weight                | 790Kg                                                                                                                         |

# INFORMATION

## 1. Design & Material

The Series 2800 is Steam Sterilizer with the designation and production by A.S.M.E Regulation.

## 2. Fully Automatic Control equipped with PLC or Embedded system

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Easy operation and control with the implementation of Full Automatic system by PLC or embedded system.

## 3. Safety Device of the system

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Checking the whole conditions prior to operating with self-diagnostic function.

The Error message are showed on the display and sounded the alarm when the problem happen on the operation or the condition is not setting before the start.

Happening malfunction, operation stopping, Beeping and Displaying the "ER" and "Error Number"

Safety Valve- prevent from overpressure.

Door interlock system-if the chamber pressure is over 30kpa, the door is not opened by mechanical door lock system.

## 4. Vertical Sliding door

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Vertical Sliding door is Easier Open and Close with Simple, Safe and Clean front.

Space is optimized because the Door does not swing outward.

## 5. Operator Easily Control by 5.7" TFT LCD Color Touch Screen

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Display is the 5.7" TFT LCD color Touch Screen, which can select the operation cycle.

Large sized display to easily and clearly check the process for cycles from long distance.

Can be conversed in Korean or English.

Cycle process is displaying by blinking on the status.

Display the remaining Sterilization and Dry time (Countdown)

## 6. Each Analog Pressure Gauge

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Indicates the status of the chamber, Jacket and steam source pressure to be made comparison with digital figure.

The sterilization is initiated by a vacuum pump (or water ejector) generating a high vacuum to remove remaining air in the load on the Pre-vacuum and Flash Cycle.

The steam vapor is removed by vacuum system to improve load drying in the dry process.

Higher vacuum & Lower consumption of water by equipping watering-system pump.

## 8. Printer System

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It prints out the data for user to judge and record the result of sterilize cycle.

The paper shows started sate and setting value of cycles.

Also shows critical information under the cycles (Time, Temperature, Pressure).

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