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適用產業 +

製藥工業、食品工業、醫院、實驗室、生物科技、學校。

功能 +

滅菌機通常置於洗滌室與無菌空間，當被滅菌物在密閉的滅菌室中，由蒸汽提供的高溫及足夠的時間而將微生物殺死，可獲得安全可靠的产品或器具。

特點 +

- 油壓門：利用油壓來帶動Clamp將門打開、密閉，操作省力、輕鬆。
- 蒸汽管路：採用衛生配管，並通過1只 $1\mu\text{m}$ 的蒸汽過濾器，使滅菌的蒸汽品質維持在最佳品質。
- 溫度分佈均勻：藉著真空泵浦的排氣及適當蒸汽的進入，可使滅菌室達到 $\pm 1^\circ\text{C}$ 的滅菌溫度。
- 全自動控制：採用PLC控制，當條件設定後，即可作全自動的全程控制。

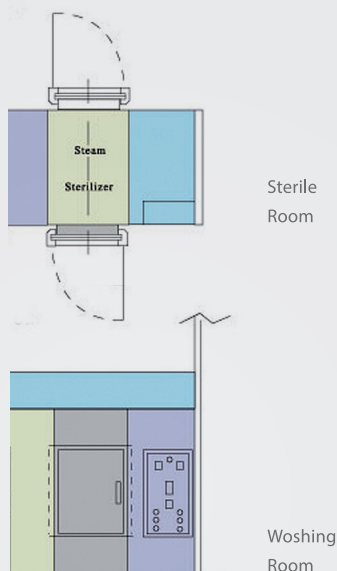
高壓 滅菌機

STEAM STERILIZER

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- 溫度記錄器：可確實的記錄滅菌室各位置的溫度分布狀況及熱滲透的情況。
- 專用測試孔：附有Validation專用測試孔，方便測試人員測試。
- 與電腦連線：可直接在鍵盤與螢幕上作設定、控制與記錄，監控操作更方便，並可直接算出FO值以確保一百萬個被滅菌體中不超過一個細菌活存。
- 三機一體：可與自動冷卻、真空洩漏試驗相結合，成為三機一點，省時、省力、省空間。
- 提供所有儀器的SENSOR之原始Calibration記錄。

流程圖 | FLOWCHART



APPLICATION +

Pharmaceutical 、 Food 、 Hospital 、 Research Laboratory

FUNCTION +

The sterilizer is commonly located between the washing room and sterilization room. The extermination of germs and micro-organisms can be achieved when the object for sterilizing is in the contained sterilization room with an essential high temperature and sufficient time; and therefore safer and more reliable products or instruments can be obtained.

FEATURE +

- Oil hydraulic door: the door clamping device uses an oil hydraulic cylinder to drive clamp for easier and contained operation.
- Steam piping: steam piping fitting is made of sanitary pipe. The steam passes through one micro pre-filter 1 μ m
- Even steam distribution: by vacuum pump and entrance of steam into sterilization room during sterilization to achieve ± 1 sterilization temperature.
- Fully automatic control: Adopt PLC control system, when the conditions have been set, the process will be controlled automatically.
- Temperature recorder: records the temperature progress distribution completely and record pressure changes throughout whole sterilization process.
- Inspection hole: validation testing holes are available for inspection.
- Computerized Operation: the computer can calculate the FO figure and shows that there is no more than one germ alive in one million of sterilized objects.
- Three functions in one: integrated sterilization, cooling and leakage test to save time, energy, space and labor.
- Provide complete original record of sensors and calibration of all instruments.

規格表 | SPECIFICATION

| 型號 Model | Volume (L) | Chamber size (WxHxD) | Dimensions (WxLxH) | Steam Consumption (kg/Hr) | Vacuum Pump (HP) | Weight (kg) |
|-------------|---------------|-------------------------|-----------------------|------------------------------|---------------------|----------------|
| YS-SS-041 | 96 | 400X400X600 | 700X1300X900 | 60 | 1 | 1000 |
| YS-SS-061 | 360 | 600X600X1000 | 1000X1300X1300 | 100 | 2 | 1500 |
| YS-SS-081 | 800 | 800X1000X1000 | 1200X1700X1300 | 130 | 3 | 2000 |
| YS-SS-101 | 1440 | 1000X1200X1200 | 1400X1900X1500 | 200 | 3 | 3000 |
| YS-SS-102 | 2400 | 1000X1200X2000 | 1400X1900X2300 | 280 | 5 | 4000 |
| YS-SS-121 | 1872 | 1200X1300X1200 | 1600X2050X1500 | 240 | 3 | 3500 |
| YS-SS-122 | 3120 | 1200X1300X2000 | 1600X2050X2300 | 350 | 7 1/2 | 5000 |
| YS-SS-141 | 2680 | 1400X1600X1200 | 2000X2350X1500 | 310 | 5 | 4500 |
| YS-SS-142 | 4480 | 1400X1600X2000 | 2000X2350X2300 | 415 | 10 | 6000 |
| YS-SS-143 | 8060 | 1400X1600X3600 | 2000X2350X3900 | 630 | 15 | 9000 |