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# 熱風滅菌機

## HOT AIR STERILIZER

### 原理介紹 +

乾熱滅菌法適用於能耐高溫且需乾燥的物品之滅菌，常用於玻璃瓶及不銹鋼器具之滅菌。在相同溫度下，乾熱較飽和蒸汽對微生物之致死率低，因而乾熱滅菌需較高之溫度及較長的時間。

### 適用產業 +

玻璃瓶及不銹鋼器具之滅菌

### 特點 +

- 滅菌室全週焊:滅菌室以不銹鋼SUS304全週焊接製成，可避免保溫材在長久熱漲冷縮後由間隙進入滅菌室，造成污染。
- 風門完全密閉:自動風門在滅菌行程與關機後均保持密閉狀態，可確保滅菌室的絕對密閉。
- 高效率過濾器:採用耐高溫350°C以上之高效率過濾器99.97%可過濾至0.3Mirco之微粒。
- 溫度分佈均勻:滅菌室二旁設有風量調節板，可以使滅菌室得到均勻的溫度分佈。
- 附專測試孔:留有DOP測試孔及Validation專用孔，可方便測試人員之操作。
- 溫度記錄器:可完整錄下滅菌過程之溫度分佈。
- 提供所有儀器的Sensor之原始Calibration記錄。

### 規格表 | SPECIFICATION

型號 Model	Chamber Size (MM) (WXLXH)	Overall Dimensions (KG) (WXLXH)	Maximum Temperature (C)	Ampoule 10CC (P.C.S BATCH)	Vial 10CC (P.C.S BATCH)	Vial 20CC (P.C.S BATCH)	Vial 100CC (P.C.S BATCH)
YS-DHS-1	810X1100X1000	1600X2500X1300	280	10000	11000	5300	1500
YS-DHS-2	1600X1500X800	2600X2880X1100	280	18000	19000	9900	300
YS-DHS-3	1600X1500X1330	2600X2880X1630	280	27000	28000	13000	5000

### THEORY +

Hot air sterilizer is applicable for sterilizing instruments which can tolerate high temperature and needs to remain in sterilized condition. Under the same temperature, hot air sterilization needs a higher temperature to kill germs and micro-organism than saturated vapor sterilization.

### APPLICATION +

Sterilization of Vial, Ampoule and stainless steel instrument.

### FEATURE +

- Safety sterilized welding: sterilization chamber is welded using stainless steel SUS304 to avoid contamination from the insulation material after long use.
- Complete contained: during the process of sterilization and when the sterilizer is off, the dampers are always tightly closed to ensure the sterilizing chamber is in a contained condition.
- High efficiency filter : the absolute Heap Filter 99.97%, this filter can tolerate temperature above 350°C and filter particles below 0.3 Mirco.

### 流程圖 | FLOWCHART

