

WG Series Pulse Vacuum Horizontal Type Sterilizer



Features & Applications

The cabinet utilize the physical characteristics of the saturated steam, which would release large amounts of latent heat and humidity during condensation, and with a period of time to keep the objects at high temperature and moist condition, the main protein of the bacteria would be solidified so that the bacteria can be killed.

Characteristics

The main body is with horizontal rectangle double layer structure, the inside chamber is made of SUS30408 or SUS31608 Stainless steel, the outer layer is made of the brushed decorative sheet, and the there is motorized door or sliding door for choose, pneumatic sealing, and the double door interlocking are strictly in accordance with the GSSD required.

The control system: Adopt the Siemens PLC and Siemens touch screen.

The piping system:

Adopt with the reliable Germany Burkert or GEMU pneumatic angle type valve, water ring vacuum pump and 0.22um high efficiency sterile medical grade filters, the pipe clamp adopts the quick connectors, the piping and the related spares are all according to the sanitation standard.

The characteristics for the software

With Germany Siemens PLC platform independent research and development, human-Machine Interaction, convenient for operation.

Software design and manufacture products in strict accordance with the technical requirements for the sterilization process.

The Operating authority is divided into three levels to the manager, the technologist,

and the operators.

Program interlocked, by the program is running, the sealing door cannot be open.

All the alarm and the technical figures can be recorded and print.

If the inner chamber is higher than the safety pressured, the door cannot be open.

Perfect products safety protection measure, 4 level emergency treatment of abnormal state.

Sterilizing Cycles

The sterilization cycle to the solid objects:

Applied to the instruments, dressing, utensils and other items

Main Parameter

Items	WG-0.25	WG-0.36	WG-0.6	WG-0.8	WG-1.2	WG-1.5	WG-2.0	WG-2.5
Capacity	0.25m3	0.36m3	0.6m3	0.8m3	1.2m3	1.5m3	2.0m3	2.5m3
Inner chamber Dimension (mm)	800*600*600	1000*600*600	1200*610*910	1500*610*910	1500*680*1180	1900*680*1180	1700*1000*1200	1950*900*1400
Outer Dimension (mm)	1100*1300*1700	1300*1300*1700	1500*1350*1950	1800*1350*1950	1790*1450*1950	2190*1450*1950	2000*1850*2000	2300*1750*2200
Steam pressure and the consumption	0.4-0.8 Mpa 15kg	0.4-0.8 Mpa 20kg	0.4-0.8 Mpa 30kg	0.4-0.8 Mpa 40kg	0.4-0.8 Mpa 48kg	0.4-0.8 Mpa 55kg	0.4-0.8 Mpa 65kg	0.4-0.8 Mpa 75kg
Water source pressure and the consumption	0.15-0.3Mpa 35kg	0.15-0.3 Mpa 40kg	0.15-0.3 Mpa 45kg	0.15-0.3 Mpa 50kg	0.15-0.3 Mpa 55kg	0.15-0.3 Mpa 60kg	0.15-0.3Mpa 65kg	0.15-0.3 Mpa 75kg
Power	2+24KW	2+24KW	3+36KW	3KW	4KW	4KW	4.5KW	6KW
New weight	900kg	1000kg	1400kg	1600kg	1800kg	2000kg	2500kg	3000kg
Design pressure	0.25Mpa							
Design temperature	139 °C							