

SED-0.4MM-A Pulsating Vacuum Autoclave Machine



Suitable for hospitals, pharmaceutical factories, and scientific research institutes to sterilize and dry clothing, dressings, metal instruments, culture media, and other materials.

The Pulsating Vacuum Autoclave is designed and manufactured in strict compliance with GMP standards, certified under ISO 9001 and ISO 13485, and conforms to China Pressure Equipment Directive GB150. Ideal for hospitals, pharmaceutical plants, and research institutes, it provides reliable sterilization and drying for textiles, surgical instruments, culture media, and more.

Features

- Double-Door Interlock System: Pneumatic sealing with automatic safety interlock
- High-Performance Sealing: Medical-grade silicone gasket, resistant to high temperature and pressure
- Intelligent Control System: Siemens S7-200 PLC + TIANREN HMI + Micro-printer, with 3-level password protection
- Precision Sensors: JUMO Pt100 temperature sensors (Class A accuracy)
- Vacuum System: Efficient water-ring vacuum pump for complete air removal
- Air Filtration: 0.22µm absolute sterilizing filter ensures sterile air intake

Machine Parameters

Parameter	Specification
Chamber size (L*W*H)	1150*600*600 mm
Overall size (L*W*H)	1396*1360*1800 mm
Chamber design pressure	-0.1~0.3Mpa
Design temperature	139℃
Design pressure	0.245Mpa
Work pressure	0.22Mpa
Chamber material	Thickness: 6mm, material: SUS304
Temperature equilibrium	≤±1℃
Electricity supply	1.5kw 380V, 50Hz, 3 phase 4 wires