

Vertical Pulse Vacuum Sterilizer

Sterilization Perfected, Safety Ensured

■ Introduction

The Vertical Pulsating Vacuum Sterilizer represents the pinnacle of modern sterilization technology, offering unparalleled efficiency and reliability for healthcare and research facilities.

Utilizing saturated steam as its sterilization medium, this state-of-the-art device employs an innovative pulsating vacuum mechanism to ensure complete penetration of steam across all surfaces, guaranteeing thorough and consistent sterilization.

- Versatile application ideal for sterilizing a wide range of items
- User-friendly operation simplify the sterilization process
- Built-in safety features protect both operators and sterilized items
- Optimized sterilization cycles maximize productivity

■ Application

Our Vertical Pulsating Vacuum Sterilizer is designed to accommodate a wide range of sterilization needs across medical and laboratory settings. Its versatility makes it an ideal solution for various load types:

- Porous load: Fabrics, sterile gowns, wrapping equipment, filters, rubber, etc.
- Hard load: Tools, Luminal instrument, glassware, metal containers, etc



Features

- **Premium stainless Steel Construction:** Durable stainless steel main structure with circular cross section design for optimal steam distribution and longevity.
- **Ergonomic Quick-Opening Mechanis:** Horizontal sliding quick-opening structure with self-expanding seal for easy access and airtight closure. (UVAW-150V is a flip cover due to its large capacity for easy operation).
- **Versatile Sterilization Programs:** Pre programmed and customizable cycles for fabrics, equipment, and rubber materials to meet diverse sterilization needs.
- **Intelligent Control System:** Microcomputer controlled operation with 4 inches LCD display and touch-key interface for precise, user-friendly management. working data log for the temp and time can be stored.
- **Advanced Multi-Pulse Technology:** Integrated vacuum pump and evaporator system achieving multiple pulsation cycles for thorough steam penetration.
- **Eco-Friendly Internal Circulation System:** Built-in water tank prevents aerosol generation and eliminates exhaust steam for improved efficiency.
- **Power Outage Protection:** Automatic cycle resume function safeguards progress in case of power interruptions.
- **Comprehensive Safety Protocols:** Includes over-temperature protection, anti-dry burning mechanism, door safety interlock, and automatic pressure relief.
- **High-Performance Vacuum Drying System:** Achieves superior dryness levels: 1% for fabrics, <0.1% for instruments, ensuring immediate usability.



Durable main structure



High quality stainless steel



Well organized internal design

Specification

Model	Volume L	Liner size Φ×L	Dimension L×W×H	Weight KGS	Power
UVAW-50V	50	316×667mm	476×636×990mm	85	220V, 50Hz, 3KW
UVAW-80V	80	386×700mm	546×710×1030mm	95	220V, 50Hz, 4.5KW
UVAW-100V	100	386×900mm	546×710×1220mm	112	220V, 50Hz, 5.4KW
UVAW-120V	120	500×620mm	780×850×1020mm	180	380V/220V, 50Hz, 8KW
UVAW-150V	150	500×780mm	780×850×1180mm	210	380V/220V, 50Hz, 9.8KW