Vertical Autoclaves, 50L

Model **MSFD50SASWISS** | Brand **Master Science** | Unit **Pc**



Autoclave

The MSFD50SASWISS vertical autoclave sterilizer is a steam sterilizer designed for thorough sterilization in medical and laboratory environments. It is ideal for handling a variety of materials such as surgical instruments, laboratory equipment, and pharmaceutical items, offering efficient and reliable sterilization for solid, unwrapped instruments.

KEY HIGHLIGHTS

- Sterilization Modes
- Controller
- User-Friendly Control
- Microcomputer System
- Automatic Drying

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Key Features

105°C TO 130°C (SOLID MODE)

Sterilization Modes
Solid Mode, Liquid Mode

Controller
Microcomputer control system

SAFETY VALVE

Electrical Protection (overcurrent, short circuit, electric leakage)

DIMENSIONS

User-Friendly Control
Features a simple control panel with an LED display for easy setting of sterilization temperature, time, and drying functions.

Microcomputer System
Allows for fully automatic control of the sterilization process.

Automatic Drying
Equipped with semi-automatic drying options and an air pump with a 0.2um air filter, improving the drying efficiency after sterilization.

Lid Lock System
Prevents operation if the lid is not securely locked.

PROTECTS USERS FROM ACCIDENTAL BURNS.

Triple Dry Scorch Protection
Offers protection against overheating using three different methods.

Double Over-Pressure Protection
Both mechanical and electrical pressure systems monitor and prevent over-pressure, ensuring safe operation.

Additional Information
This autoclave is designed for medical and laboratory settings where efficient, safe, and reliable sterilization is critical. It is well-suited for sterilizing solid and liquid items, ensuring thorough sterilization with minimal user intervention, thanks to its automated features and comprehensive safety mechanisms.

Technical Specifications

PARAMETER	SPECIFICATION
Volume	50 Liters
Power	2600W
Voltage	AC 220V, 50/60 Hz
Sterilization Temperature Range	105°C to 135°C
Sterilization Time Setting Range	1 to 300 minutes
Chamber Material	SUS304 Stainless Steel
Safety Valve Set Pressure	0.29MPa
Drying Temperature	80°C to 160°C
Drying Time	1 to 300 minutes
Chamber Dimensions	Ø 320 mm x H 725 mm
Bucket Dimensions	Ø 258 mm x H 195 mm
Outer Dimensions	580 mm x 490 mm x 1085 mm
Error Logging	Can store up to 20 error records, facilitating easy maintenance and system management.