Vertical Autoclaves, 100L

Model **MSFD100SASWISS** | Brand **Master Science** | Unit **Pc**



Autoclave

The MSFD100SASWISS 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

AT A GLANCE

Ø 400 mm x H 800 mm
CHAMBER DIMENSIONS

Request a Quotation
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www.themsci.com

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Key Features

105°C TO 130°C (SOLID MODE)

Sterilization Modes
Solid Mode, Liquid Mode

Controller
Microprocessor control system

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

GENERAL

General	Volume100 Liters
General	Power4600W
General	VoltageAC 220V, 50/60 Hz, 32A
General	Sterilization Temperature Range105°C to 135°C
General	Sterilization Time Setting Range1 to 300 minutes
General	Chamber MaterialSUS304 Stainless Steel
General	Safety Valve Set Pressure0.29MPa
General	Drying Temperature80°C to 160°C
General	Drying Time1 to 300 minutes
General	Error LoggingCan store up to 20 error records, facilitating easy maintenance and system management.

DIMENSIONS & WEIGHT

Chamber Dimensions	Ø 400 mm x H 800 mm
Bucket Dimensions	(φ 360mm × 215mm)
Outer Dimensions	730mm x 625mm x 1200mm

Safety Devices

- Lid Closing Check
- Over-Temperature Protection
- Dry Scorch Protection
- Over-Pressure Protection
- Safety Valve
- Electrical Protection (overcurrent, short circuit, electric leakage)
- Scald Protection
- Automatic Failure-Inspection System