# Cassette Autoclave - Compact Fast Steam Sterilizer - 5.2 L Cassette - 115-135°C, 9 Min Cycle

Model **MSSTC-5000SWISS** | Brand **Master Science**






For clinics that only need a few instruments at a time, the Master Science 5.2 L Cassette Autoclave offers a much faster alternative to a chamber autoclave. Instruments are loaded into a sealed cassette with a 380 × 180 × 78 mm sterilization space, and an unwrapped cycle is completed in roughly 9 minutes.

KEY HIGHLIGHTS

- Quick instrument return
- Suitable for lumens
- Operator control
- Self-monitoring
- Need a longer cassette? See the 6 L cassette autoclave.

AT A GLANCE

| | |
|---|---|
| **115 to 135°C (max. 138°C)** OPERATING TEMPERATURE | **380 × 180 × 78 mm** CHAMBER SIZE |
| **0.1°C** DISPLAY ACCURACY | **About 5.2 L** STERILIZATION VOLUME |

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

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## Overview

The unit handles hollow instruments with cavities as well as solid ones. Cycle progress appears on the screen, the programme can be stopped safely whenever needed, and built-in self-detection shuts the Master Science 5.2 L Cassette Autoclave down and reports a fault code if anything goes wrong.

Waiting for a full autoclave cycle slows down treatment. The Master Science 5.2 L Cassette Autoclave helps with:

## Key Benefits

**Quick instrument return**
Around 9 minutes per unwrapped cycle keeps instruments in circulation.

**Suitable for lumens**
Designed for cavity-containing and solid instruments alike.

**Operator control**
Cycles can be stopped safely at any time.

**Self-monitoring**
Automatic stop with on-screen fault codes.

**Need a longer cassette? See the 6 L cassette autoclave.**

## Technical Specifications

| GENERAL | |
|---|---|
| Brand | Master Science |
| Model Number | MSSTC-5000SWISS |
| SKU | MSSTC-5000SWISS |
| Brand | Master Science |
| Model | MSSTC-5000SWISS |
| SKU | MSSTC-5000SWISS |
| Sterilization Volume | About 5.2 L |
| Cycle Time | About 9 minutes, unwrapped |
| Operating Pressure | 42 to 212 kPa (max. 242 kPa) |
| Safety Valve | Set at 0.25 MPa |
| Water Tank | 3.4 L |
| Water Quality | Distilled, deionized, purified or ultra-pure water |
| Duty | Intermittent, up to 6 cycles per hour |
| Operating Temperature | 115 to 135°C (max. 138°C) |
| Display Accuracy | **0.1°C** |

| POWER | |
|---|---|
| Steam Generator Power | 1.2 kVA ±5% |
| Input Power | ≤ 1.3 kVA |
| Power Supply | AC 220 V ±22 V, 50 Hz ±1 Hz |

| DIMENSIONS & WEIGHT | |
|---|---|
| Equipment Size | 580 × 460 × 190 mm |
| Chamber Size | 380 × 180 × 78 mm |
| Cassette Size (outside) | 480 × 196 × 80 mm |

| PROBLEMS THE MASTER SCIENCE 5.2 L CASSETTE AUTOCLAVE SOLVES | |
|---|---|
| Instruments tied up for too long | Short cycles return instruments to use quickly. |
| Sterilizing hollow tools | Designed to handle instruments with cavities. |
| Interrupted workflows | A programme can be safely stopped when priorities change. |
| Hidden faults | Self-detection reports problems immediately with a code. |

## Applications

**The Master Science 5.2 L Cassette Autoclave is designed for**
Dental surgeries with high instrument turnover Emergency rooms and treatment units Small surgical and ophthalmic clinics Departments sharing instrument sets Veterinary and podiatry clinics

## Cassette System

- Removable sterilization cassette
- Chamber 380 × 180 × 78 mm
- Non-wrapped cycle in about 9 minutes

## Control

- Screen display of operating status
- Safe interruption of any programme
- Intermittent operation up to 6 cycles per hour

## Safety

- Self-detection with automatic shutdown
- Fault code display
- Safety valve at 0.25 MPa

## Standard Accessories Included

- Cassette autoclave main unit
- Sterilization cassette