# High-Capacity Glass Bead Sterilizer - Dry Heat Instrument Sterilizer - 300g Beads - 140mm Deep

Model **MSBGS-300HSWISS** | Brand **Master Science**






The Master Science High-Capacity Glass Bead Sterilizer has a deeper 140 mm bead well than standard models, so longer instruments such as fine scissors, forceps and dissecting needles can be immersed further into the hot beads. It holds 300 g of glass beads and heats them to any set point between 100 and 300°C.

### KEY HIGHLIGHTS

- Deeper immersion
- Fast cycles
- Clean and safe
- Clear temperature reading

### AT A GLANCE

| | |
|---|---|
| **100 to 300°C** TEMPERATURE RANGE | **300 g** GLASS BEAD CAPACITY |
| **±5°C** TEMPERATURE ACCURACY | |

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

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## Overview

Instrument tips are sterilized by dry heat in about 10 to 15 seconds, without fumes, gases, flames or liquid chemicals. A digital controller shows the bead temperature and countdown time, and with a footprint of only 176 × 135 mm the Master Science High-Capacity Glass Bead Sterilizer fits easily in a laminar flow hood.

Short bead wells limit which tools can be sterilized. The Master Science High-Capacity Glass Bead Sterilizer helps with:

## Key Benefits

**Deeper immersion**
The 140 mm well lets longer instruments reach further into the hot beads.

**Fast cycles**
Instrument tips are sterilized in roughly 10 to 15 seconds.

**Clean and safe**
No chemicals, fumes or flames are involved.

**Clear temperature reading**
Digital display of temperature and remaining time.

Need a smaller unit? See the glass bead sterilizer with 150 g capacity.

## Technical Specifications

| GENERAL | |
|---|---|
| General | Technical data of the Master Science High-Capacity Glass Bead Sterilizer: |
| Brand | Master Science |
| Model Number | MSBGS-300HSWISS |
| SKU | MSBGS-300HSWISS |
| Brand | Master Science |
| Model | MSBGS-300HSWISS |
| SKU | MSBGS-300HSWISS |
| Temperature Range | **100 to 300°C** |
| Temperature Accuracy | **±5°C** |
| Timer | 1 min to 99 h 59 min, or continuous |
| Heat-up Time | 25 min from room temperature to 300°C |
| Glass Bead Capacity | **300 g** |
| Lid | Stainless steel |
| General | Max. Power: 250 W |
| Display Resolution | 1°C |
| Voltage | AC 110 V or 220 V, 50/60 Hz |

| DIMENSIONS & WEIGHT | |
|---|---|
| Bead Well (Ø × Depth) | 40 × 140 mm |
| Dimensions | 176 × 135 × 249.5 mm |

| PROBLEMS THE MASTER SCIENCE HIGH-CAPACITY GLASS BEAD STERILIZER SOLVES | |
|---|---|
| Long instruments not fitting | A 140 mm deep well accommodates longer tools. |
| Losing track of sterilization time | The countdown display shows the remaining time at a glance. |
| Flame and chemical hazards | Dry heat sterilization avoids both. |
| Overheating | Built-in over-temperature protection safeguards the unit. |

## Applications

The Master Science High-Capacity Glass Bead Sterilizer is suitable for: Sterilizing scissors, forceps and needles between samples Tissue culture and dissection work Microbiology procedures in laminar flow hoods Research and teaching laboratories Small-instrument sterilization in clinics

## Heating

- Digital temperature control up to 300°C
- Built-in precise temperature controller
- Over-temperature protection

## Construction

- Stainless steel inner container 40 × 140 mm
- Stainless steel lid
- Compact housing, 176 × 135 mm footprint

## Display

- Real-time temperature display
- Countdown timer display

## Standard Accessories Included

- Glass bead sterilizer main unit
- 1 bag of glass beads