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.

support@themsci.com
www.themsci.com

Scan to view online

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