

PRODUCT ENVIRONMENTAL DECLARATION

Getinge Steam Sterilizer GSS67H



<Doc_T20145_PRODUCT ENVIRONMENTAL DECLARATION_GSS67H><Rev 01><Lang_EN>

Standards & Regulations



The GSS67H Series Sterilizer has been developed in compliance with the standards and regulations that are conceived to regulate environmental performance.

Directives & Standards

- EN 285 + A2 Sterilization - Steam sterilizers, Large Sterilizers
- 2011/65/EU RoHS2 - Restriction of Hazardous Substances Directive
- 2012/19/EU WEEE2 - Waste Electrical and Electronic Equipment Directive
- 2006/95/EC - Low Voltage Directive

Material



In order to minimize the environmental impact, the following material selection guidelines have been applied:

- Minimize the amount of raw material used
- Select materials with low environmental impact
- Select materials that are recyclable

Manufacturing



The GSS67H Sterilizer is manufactured in compliance with ISO 14001 – Environmental management systems. For environmental performance, the following areas are targeted:

- Energy. Optimizing the energy usage and minimizing the climate impact of production and transportation.
- Waste. Minimizing the environmental impact of our waste handling.
- Water emissions. Minimizing the environmental impact of our emissions to the water recipients.

Distribution



Distribution is handled by subcontractors. In order to minimize the environmental impact of the distribution of products the distributors are regularly evaluated with respect to their emission of greenhouse gases per ton-km. Targets are also set to constantly decrease this emission.

Use



The use phase is where the major environmental impact of the GSS67H Sterilizer is created. The main factors are:

- Energy consumption per cycle
- Power loss to the surroundings during "stand-by" mode
- Power loss to the surroundings during "ready for process" mode
- Water consumption per cycle

Consumption Data (examples for GSS6713)

Energy consumption of a 134 °C cycle with full metal load	11 kWh
Power loss in Standby mode	0,065 kW
Power loss in "Ready for process" mode 134 °C	2,67 kW
Water consumption of a 134 °C cycle with full metal load	244 liter

Consumption data for the actual product can be found in the Utility data sheet.

The user of the sterilizer can minimize the environmental impact by the following actions:

- Run the sterilizer fully loaded
- Shut off or use standby mode for the sterilizer when it is not in use
- Keep the sterilizer door closed whenever possible

Chemicals



In order to minimize the environmental impact the materials used in the GSS67H Sterilizer have been evaluated with respect to the following criteria:

- Hazardous substances
- RoHS2 Directive

End of Life



The materials in the GSS67H sterilizer are valuable and to a high extent recyclable. In many markets Getinge have agreements with organizations that can ensure an environmentally sound process to recycle the materials.

3rd Party verification



The compliance with the ISO 14001 environmental management system is verified by a 3rd party, Intertek Semko.

Legal Manufacturer:

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