



STERISHRED® 700

INTEGRATED SHREDDER-STERILIZER FOR HEALTHCARE WASTE

STERISHRED® 700 is an advanced solution to perform safe biomedical waste treatment which reduces risks, volume/weight and disposal costs. It treats infectious healthcare waste by pre-shredding followed by a non-burn thermal process (steam sterilization) at 135°C, in just minutes! Compact but with large treatment capacity (up to 100 kg/h), it can be used for either on-site treatment or in centralized outsourcing facilities.



STERISHRED® 700

Heavy-duty solution to convert infectious medical waste into municipal trash in minutes!



USAGE DATA

WATER

REQUIREMENTS Water 4-8°TH
CONSUMPTION Approx. 100 liters/cycle
 (20L machine + 80L steam generator)

ELECTRICITY

REQUIREMENTS 380-400 V III N, 50 Hz, 80kW or
 220V 50/60Hz with Step up Transformer
CONSUMPTION 25 kWh / cycle

DRAIN

2" Ø (heat resistant, floor level)

STEAM

Produced by the integrated steam generator, no external connection required

COMPRESSED AIR

Built-in, no external connection required

LOADING CAPACITY (VOLUME) 670L / cycle

AUTOMATIC LOADING / UNLOADING Built-in

WASTE BIN WEIGHING SYSTEM Available as option

TOTAL CYCLE TIME Approx. 35 to 50 min depending on steam generator version and load humidity

LOADING CAPACITY (KG/CYCLE) 40 to 100 kg/cycle
 (Based on an average waste density of 0,08 to 0,12 kg/l)

TOTAL CYCLE TIME IN WORKING CONDITIONS (2) 50 to 60 min

TREATMENT CAPACITY (KG/H) (3) 40 to 100 kg/h
 (Based on an average waste density of 0,08 to 0,2 kg/l)

EXTERNAL DIMENSIONS (HxWxD) 4000 mm x 4045 mm x 3890 mm (h x w x d)
 As an option, unit can be disassembled in three parts

LOADING CHAMBER Stainless steel

TREATMENT CHAMBER 316L Stainless steel

STEAM GENERATOR Stainless steel

WATER SOFTENER Available as option

WATER BOOSTER PUMP Available as option

WASTE SHREDDER AISI 304L stainless steel (structure)
 hard steel (blades)

PIPING Stainless steel/PTFE flexible hosing

CHASSIS Powder coated steel

BODYWORK Steel/Stainless steel

CYCLE TRACEABILITY Built-in printer

(2) Cycle times may vary based on the type of materials, waste density, humidity, quantity of liquids, etc. For loads with high liquid content, cycle time can be longer. Up to 50min depending on the waste density.
 (3) Based on an average cycle time of 45min. (40 min. of cycle + 5 min. unloading/loading time).

All the data given in this catalogue are non-binding and given as a guide only. Treatment capacities, cycle times and consumptions are given as mere examples and may vary depending on the type of waste, installation conditions, operator's availability and skills.

Consumption is calculated on the basis of a standard cycle of the machine.

For consumption with cooling of the drain and / or the Virus + kit, please consult us.



Making biomedical waste safe

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STERISHRED® A COMPLETE RANGE



STERISHRED® 250
20-35 kg/h



STERISHRED® 700
60-100 kg/h



TESABAG
« biohazard »
autoclavable bags



TESABOX
cardboard containers
for biohazardous waste