



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 (other voltage/frequency available as option)
CONSUMPTION	25 kWh / cycle

DRAIN

STEAM	2" Ø (heat resistant, floor level) Produced by the integrated steam generator, no external connection required
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COMPRESSED AIR

Built-in, no external connection required

Tesalys
Making biomedical waste safe

LOADING CAPACITY (VOLUME)	670L / cycle
AUTOMATIC LOADING / UNLOADING	Available as option
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.

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