



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.



INNOVATION
MADE IN
FRANCE

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STERISHRED® 700

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



UTILITIES

WATER

REQUIREMENTS Softened water, hardness $4 \leq \text{TH} \leq 8$
CONSUMPTION Approx. 75 liters/cycle
 (25L machine + 50L steam generator)

ELECTRICITY

REQUIREMENTS 380/400V PH+N+PE, 50Hz/60Hz, 80Kw
CONSUMPTION 10kwh/cycle

DRAIN 50mm Ø external (heat resistant)

STEAM/COMPRESSED AIR Produced by the integrated steam generator, no external connection required

(1) 30-35min for test loads as per NF X30-503-1 standard.

(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).

(4) Quantity of liquids allowed might vary depending on application (urine bags, blood bags, food testing bags, ...).

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.

LOADING CHAMBER VOLUME	670L
AUTOMATIC LOADING / UNLOADING	Included
WASTE BIN WEIGHING SYSTEM	Available as option
TOTAL CYCLE TIME (NFX 30-503-1 STANDARD) (1)	30 to 35 min
TOTAL CYCLE TIME IN WORKING CONDITIONS (2)	30 to 50 min
LOADING CAPACITY (KG/CYCLE)	Based on an average waste density of 0,08 to 0,12 kg/l for healthcare waste 43 to 65 kg/cycle Based on an average waste density of 0,12 to 0,2 kg/l for laboratory waste/ humid waste/liquid waste 65 to 108 kg/cycle Based on an average waste density of 0,08 to 0,12 kg/l for healthcare waste 43 to 65 kg/cycle Based on an average waste density of 0,12 to 0,2 kg/l for laboratory waste/ humid waste/liquid waste 65 to 108 kg/cycle Based on high liquid/humidity content waste (density of 0.25 kg/liter) Up to 135 kg/h or higher
TREATMENT CAPACITY (KG/H) (3)	4000 mm x 4045 mm x 3890 mm (h x w x d) As an option, unit can be disassembled in three parts
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 (EXTERNAL)
WATER BOOSTER PUMP	Built-in
WASTE SHREDDER	AISI 304L stainless steel (structure) hard steel (blades)
PIPING	Stainless steel/PTFE flexible hoses
CHASSIS	Powder coated steel
BODYWORK	Steel/Stainless steel
CYCLE TRACEABILITY	Built-in printer

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