



STERISHRED® 250

THE ON-SITE SOLUTION TO CONVERT INFECTIOUS MEDICAL WASTE INTO MUNICIPAL TRASH IN MINUTES!

STERISHRED® 250 is a modern compact on-site solution for treating infectious healthcare waste using a non-burn thermal process (steam sterilization) at 135°C. It simultaneously shreds and sterilizes biohazardous waste including sharps in minutes!



TESALYS STERISHRED DIVISION

Main Address
8, rue du Cassé
31240 Saint-Jean (Toulouse)
France

Tel. +33 5 62 10 18 91
info@tesalys.fr
www.tesalys.fr



STERISHRED® 250

The on-site solution to convert infectious medical waste into municipal trash in minutes !



UTILITIES

WATER

REQUIREMENTS Softened water, hardness $4 \leq TH \leq 8$
CONSUMPTION Approx. 40 liters/cycle
 (15L machine + 25L steam generator)

ELECTRICITY

REQUIREMENTS 380/400V PH+N+PE, 50Hz/60Hz, 40 Kw
CONSUMPTION 5kwh/cycle

DRAIN 32 mm 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	170L
TOTAL CYCLE TIME (NF X30-503-1 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 10.4 kg/cycle to 15.6 kg/cycle
	Based on an average waste density of 0,12 to 0,2 kg/l for laboratory waste/ humid waste/liquid waste 15.6 kg/cycle to 25 kg/cycle
	Based on an average waste density of 0,08 to 0,12 kg/l for healthcare waste 13.8 kg/h to 20kg/h
TREATMENT CAPACITY (KG/H) (3)	Based on an average waste density of 0,12 to 0,2 kg/l for laboratory waste/ humid waste/liquid waste 20kg/h to 35 kg/h
MAX QUANTITY OF LIQUID RECOMMENDED PER CYCLE (4)	40L
EXTERNAL DIMENSIONS (HxWxD)	1918 mm (2765 incl.pusher) x 1900 mm x 1209 mm (h x w x d)
NET WEIGHT	1 750 kg
LOADING CHAMBER	Stainless steel
TREATMENT CHAMBER	AISI 316L Stainless steel
STEAM GENERATOR	AISI 304L Stainless steel (chamber) & Highly corrosion-resistant Hastelloy ®
WATER SOFTENER	Available as option (EXTERNAL)
WATER BOOSTER PUMP	Available as option (EXTERNAL)
AIR COMPRESSOR	Built-in
WASTE SHREDDER	AISI 304L stainless steel (structure) Hardox® hard steel (blades)
PIPING	Stainless steel/PTFE flexible hosing
CHASSIS	Powder coated steel
BODYWORK	Stainless steel
CYCLE TRACEABILITY	Built-in
USB PORT	Built-in

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