

STERISHRED®

THE GREEN SOLUTION FOR DISPOSING MEDICAL WASTE



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.

tesalys STERISHRED® 700
Making biomedical waste safe

INNOVATION
MADE IN
FRANCE

TESALYS STERISHRED DIVISION

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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

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 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).



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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