

by **Lesalys** 

ADVANCED BIOMEDICAL WASTE TREATMENT SOLUTIONS





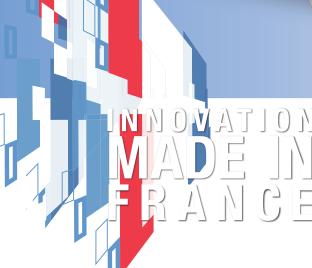
## **STERIPLUS™ 20**

INTEGRATED SYSTEM WITH PRELIMINARY SHREDDING AND STEAM STERILIZATION OF YOUR BIOHAZARDOUS WASTE

The STERIPLUS<sup>™</sup> systems from Tesalys are the ideal solution to inactivate your biohazardous waste safely on-site. Its integrated shredding system TESASHRED<sup>™</sup> not only reduces the volume and mass of waste, but also ensures waste is fully processed.

esalys steriplus<sup>TM</sup> 20

STERIPLUS<sup>TM</sup> 20



## **TESALYS**

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## **STERIPLUS™ 20**

integrated system with preliminary shredding and steam sterilization of your biohazardous waste

LOADING CHAMBER CAPACITY

LOADING CAPACITY (CONTAINERS)

TOTAL CYCLE TIME (NF X30-503-1

TOTAL CYCLE TIME IN WORKING

LOADING CAPACITY (KG/CYCLE)

TREATMENT CAPACITY (KG /H) (3)

MAX QUANTITY OF LIQUID

NET WEIGHT

LOADING CHAMBER

STEAM GENERATOR

WATER SOFTENER

WATER BOOSTER

WASTE SHREDDER

CYCLE TRACEABILITY Through printout

COMPRESSOR

PIPING

CHASSIS

BODYWORK

USB PORT

TREATMENT CHAMBER

RECOMMENDED PER CYCLE (4) EXTERNAL DIMENSIONS (W x D x H)

LOADING CHAMBER USEFUL

DIMENSIONS (W x D x H)

STANDARD) (1)

CONDITIONS (2)

201

320 x 247 x 273 mm

1 x TESABOX 20

30 to 35 min

30 to 50 min

2,4 to 4 kg/cycle

2 to 3 kg/h

3 to 5 kg/h

1300 x 895 x 1210 mm

AISI 304L stainless steel

Optional (external)

High-strength steel

Painted steel

Built-in

Built-in

Stainless steel with PTFE coating

corrosion-resistant Hastelloy®

AISI 304L stainless steel (chamber) & Highly

Structure: AISI 304L stainless steel & Blades:

Stainless steel/PTFE flexible hosing

Composite material/Painted steel

6 L

530 ka

Built-in

Based on an average waste density of 0,08 to

Based on an average waste density of 0,12 to

Based on an average waste density of 0,08 to

Based on an average waste density of 0,12 to

0,2kg/L for Lab/Humid/Liquid Waste

0,2kg/L for Lab/Humid/Liquid Waste

0,12kg/L for Healthcare Waste 1,6 to 2,4 kg/cycle

0,12kg/L for Healthcare Waste



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REQUIREMENTS CONSUMPTION	Softened water 4-8° TH 5 liters / cycle
ELECTRICITY	
REQUIREMENTS CONSUMPTION	380-400 V III N, 50Hz/60Hz, 10 kW 1 kW/h / cycle
DRAIN	32 mm ø internal (heat-resistant)
STEAM/COMPRESSED AIR	Produced by the integrated steam generator and air compressor; 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 contact and time can be loaded. Up to 500mic density

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.

## **STERIPLUS<sup>™</sup>** A COMPLETE RANGE



STERIPLUS<sup>™</sup> 20

2/5 kg/h



STERIPLUS<sup>™</sup> 40 4/10 kg/h



**STERIPLUS™ 80** 8/20 kg/h



PUMP AND AIR

TESABAG Autoclavable biohazardous waste bags



TESABOX Cardboard containers for biohazardous waste