



STERIPLUS™ 80

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

The **STERIPLUS™** systems from **Tesalys** are the ideal solution to inactivate your biohazardous waste safely on-site.

Its integrated shredding system **TESASHRED™** not only reduces the volume and mass of waste, but also ensures waste is fully processed.

TESALYS

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STERIPLUS™ 80

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



UTILITIES

WATER

REQUIREMENTS	Softened or drinking quality water
CONSUMPTION	Approx. 15 liters/cycle

ELECTRICITY

REQUIREMENTS	380-400 V III N, 50 Hz/60 Hz, 20 kW
CONSUMPTION	8 kWh/cycle

DRAIN

32 mm Ø internal (heat-resistant)(1.2")

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 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 catalog are non-binding and given as a guide only. Treatment capacities and cycle times are given as mere examples and may vary depending on the type of waste, installation conditions, operator's availability and skills.

LOADING CHAMBER CAPACITY

80 L

LOADING CHAMBER USEFUL DIMENSIONS (W x D x H)

370 x 360 x 628 mm

LOADING CAPACITY (CONTAINERS)

1 x TESABOX 80
or 2 x TESABOX 40
or 4 x TESABOX 20

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 0,12kg/L for Healthcare Waste

6,4 to 9,6 kg/cycle

Based on an average waste density of 0,12 to 0,2kg/L for Lab/Humid/Liquid Waste

9,6 to **16** kg/cycle

TREATMENT CAPACITY (KG /H) (3)

Based on an average waste density of 0,08 to 0,12kg/L for Healthcare Waste

8 to 12 kg/h

Based on an average waste density of 0,12 to 0,2kg/L for Lab/Humid/Liquid Waste

12 to **20** kg/h

MAX QUANTITY OF LIQUID RECOMMENDED PER CYCLE (4)

24 L

EXTERNAL DIMENSIONS (W x D x H)

1550 x 1200 x 1800 mm

NET WEIGHT

1300 kg

LOADING CHAMBER

Stainless steel with PTFE coating

TREATMENT CHAMBER

AISI 304L stainless steel

STEAM GENERATOR

AISI 304L stainless steel (chamber) & Highly corrosion-resistant Hastelloy®

WATER SOFTENER

Built-in

WATER BOOSTER PUMP AND AIR COMPRESSOR

Built-in

WASTE SHREDDER

Structure: AISI 304L stainless steel & Blades: High-strength steel

PIPING

Stainless steel/PTFE flexible hosing

CHASSIS

Painted steel

BODYWORK

Composite material/Painted steel

CYCLE TRACEABILITY Through printout

Built-in

USB PORT

Built-in

A complete range for biohazardous waste treatment



STERIPLUS™ 20
2/5 kg/h



STERIPLUS™ 40
4/10 kg/h



STERIPLUS™ 80
8/20 kg/h



TESABAG
Autoclavable
biohazardous waste bags



TESABOX
Cardboard containers
for biohazardous waste