

# Tesalys

Making biomedical waste safe

**ADVANCED BIOMEDICAL WASTE TREATMENT SOLUTIONS**



## STERIPLUS™ 20

**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** STERIPLUS™ 20  
Making biomedical waste safe

INNOVATION  
MADE IN  
FRANCE





# STERIPLUS™ 20

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



## USAGE DATA

### WATER

REQUIREMENTS Water 4-8° TH  
CONSUMPTION 5 to 6 liters/cycle

### ELECTRICITY

REQUIREMENTS 380-400 V III N, 50 Hz/60 Hz, 10 kW  
CONSUMPTION 2 kWh

### 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.

<b>LOAD CAPACITY (VOLUME)</b>	20 liters of waste per cycle*
<b>AVERAGE LOAD CAPACITY (WEIGHT)</b>	2 to 2.5 kg of waste per cycle* (4-5 lbs.) 4 to 5 kg of waste per hour (8-11 lbs.)
<b>MAXIMUM LOAD CAPACITY (WEIGHT)</b>	5 kg of waste per cycle (11 lbs.) 10 kg of waste per hour (22 lbs.) Maximum permitted weight using Tesalys 12 L containers
<b>LOADING CHAMBER USEFUL DIMENSIONS</b>	320 x 247 mm (width x depth) (12.5" x 9.7") useful height = 270 mm (10.6")
<b>TOTAL CYCLE TIME</b>	50-55 minutes
<b>PRODUCTION</b>	Up to 5 kg/h (average) (11 lbs./h) Up to 10 kg/h (maximum) (22 lbs./h)
<b>EXTERNAL DIMENSIONS (H x W x D)</b>	1,150 mm x 1,205 mm x 885 mm (H x W x D) (45.2" x 47.5" x 34.8")
<b>NET WEIGHT</b>	490 kg (1,080 lbs.)
<b>LOADING CHAMBER</b>	Stainless steel with PTFE non-stick coating
<b>TREATMENT CHAMBER</b>	AISI 304L stainless steel
<b>STEAM GENERATOR</b>	AISI 304L stainless steel (chamber), highly corrosion-resistant Hastelloy®
<b>WATER SOFTENER</b>	Optional (exterior)
<b>WATER BOOSTER PUMP AND AIR COMPRESSOR</b>	Integrated
<b>WASTE SHREDDER</b>	AISI 304L stainless steel (structure), high-strength steel (blades)
<b>PIPING</b>	Stainless steel/PTFE flexible hosing
<b>CHASSIS</b>	Painted steel
<b>BODYWORK</b>	Composite material/Painted steel
<b>CYCLE TRACEABILITY</b>	Integrated
Through printout	
<b>USB PORT</b>	Included

**Tesalys**  
Making biomedical waste safe



## CONIFER SERVICES

56 Terranova, Mandi Road, Mehrauli, New Delhi, India

Phone: +91 9953333225

Email: [info@coniferservices.com](mailto:info@coniferservices.com)

[www.coniferservices.com](http://www.coniferservices.com)