

Types of Waste

- Syringes and needles
- Scalpels and other metallic instruments
- Petri plates and test tubes
- Plastic containers
- Dialysis filters
- Blood lines
- Cloths and other fabrics
- Nonwoven wipes
- Paper waste
- Organic material
- Glass
- Other biomedical waste

Uses And Applications

- Hospitals
- Clinics
- Ambulatories
- Geriatric residences
- Analysis laboratories
- Microbiology hospital laboratories
- Dialysis centers
- Field hospitals
- Scientific laboratories
- Veterinary centers
- Fire Stations
- Schools and Universities
- Waste treatment centers
- Penitentiaries
- Cruise Ships



APPLICATIONS activity sectors

Hazardous Health Care Waste (HHCW) Treatment
 Infectious Liquids Treatment
 Animal Waste Treatment
 Ports and Airports Waste Treatment

STERIFLASH™ processes the Hazardous Health-Care Waste (HHCW) right at the same location where it is generated, transforming it through a quick and simple process, into municipal waste.

Working Principle:

The waste to be processed is introduced in the machine.

The waste is mechanically shredded inside the treatment tank.

The automatic treatment cycle injects saturated steam from the steam generator reaching a temperature above 135°C at 3,2 bar pressure during 20 minutes.

The waste unloading door automatically opens expelling the processed solid waste into a collection container. The processed liquid waste, already treated, is filtered and cooled before evacuated through the liquid drain.

Process Control:

The operator touch-screen informs through all the process about the different steps of the cycle, reflecting the Temperature, Pressure and time values of the treatment process.

The cycle parameters are printed in paper, as well as data of the cycles performed are registered in an internal memory log.

Safety:

- Door safety devices prevent the shredder from turning when doors are open.
- Gases are expelled through a HEPA microbiological filter.
- Liquid waste is de-contaminated and cooled before evacuated through the drain.
- The shredder unit is integrated inside the contamination tank, thus treated in every cycle.
- Electric and electronic control components are installed in an independent integrated electric cabinet.
- Each unit is supplied with its own CE declaration certificate.

System Advantages:



Clean and Environmentally Safe Technology.



Radiation-Free Technology.



Microwave-Free Technology



Easy handling:
All elements integrated in a single on-site installation.



Cost reduction:
Operational costs are reduced by waste treatment process implication.



Risk reduction:
Waste handling reduction and no need for waste storage and transport.



Simplicity:
No need for special bins, containers or special waste bags.

Options:

- Automatic loading systems.
- Automatic processed waste bin filling system.
- Remote Mobile Data or Ethernet connection for technical service and reporting.
- Extended cycle data storage module.
- Screen management remote control.
- Adjustable shredding blades.
- Automated waste vertical pressure system
- Data centralization.
- Cycle storage data recording system.



COMTEM™

C/ Ibi, 2
 Poligono Industrial Algars
 03820 Cocentaina (Alicante)
 Spain

T: +34 965 590 315
 F: +34 965 330 328
 E: info@comtem.net

SIZE IN MM.

