

STERIFLASH™

The On-Site Medical Waste Treatment Solution

ST1000



COMTEM™

1000

1.000 liters tank capacity

-85%

Up to 85% waste volume reduction
Lower cost €/kg of waste



The solution for Hazardous Health
Care Waste (HHCW) on-site treatment



ISO 9001 QUALITY CERTIFICATE



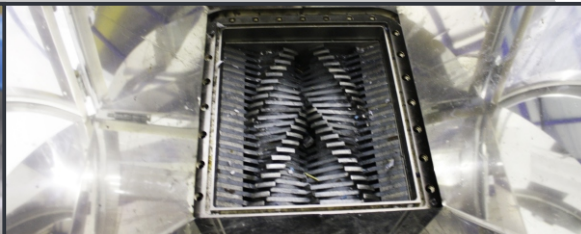
ISO 14001 ENVIRONMENT CERTIFICATE



CE CONFORMITY



INNOVATIVE SME CERTIFICATE



www.comtem.net

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
- Oncology centers
- Scientific laboratories
- Veterinary centers
- Fire Stations
- Schools and Universities
- Waste treatment centers
- Penitentiaries
- Cruise Ships

STERIFLASH® processes the Hazardous Health-Care Waste (HHCW) right at the same location where they are generated, transforming them, 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 a 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, are 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 the data of the cycles performed is 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 system.
- Automatic processed waste bin filling system
- Remote Mobile Data or Ethernet connection for technical service and reporting.
- Extended cycle data storage.
- Others.



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