



MEDICAL WASTE STERILIZATION SYSTEM

Medical Waste Sterilization System

SAFE

- ✓ There is no risk of explosion as the machine does not require high pressure for its operation.
- ✓ Completely safe elimination.
- ✓ There is no possibility of transmission and spread of microbes.
- ✓ Provides complete comfort and safety.



ECONOMIC

- ✓ Since the machine does not use high heat, its energy consumption is very low.
- ✓ Low maintenance cost.
- ✓ It has lower price tag and lower cost during process when you compare with the other devices which has same capacity and using same high temperature, steam pressure.

- ✓ Fully automatic (smooth and simple) waste disposal process.
- ✓ Heat and radiation control is fully automatic and can be programmed in a single cycle.
- ✓ Portable.



WAE TECH
Technofest .srl

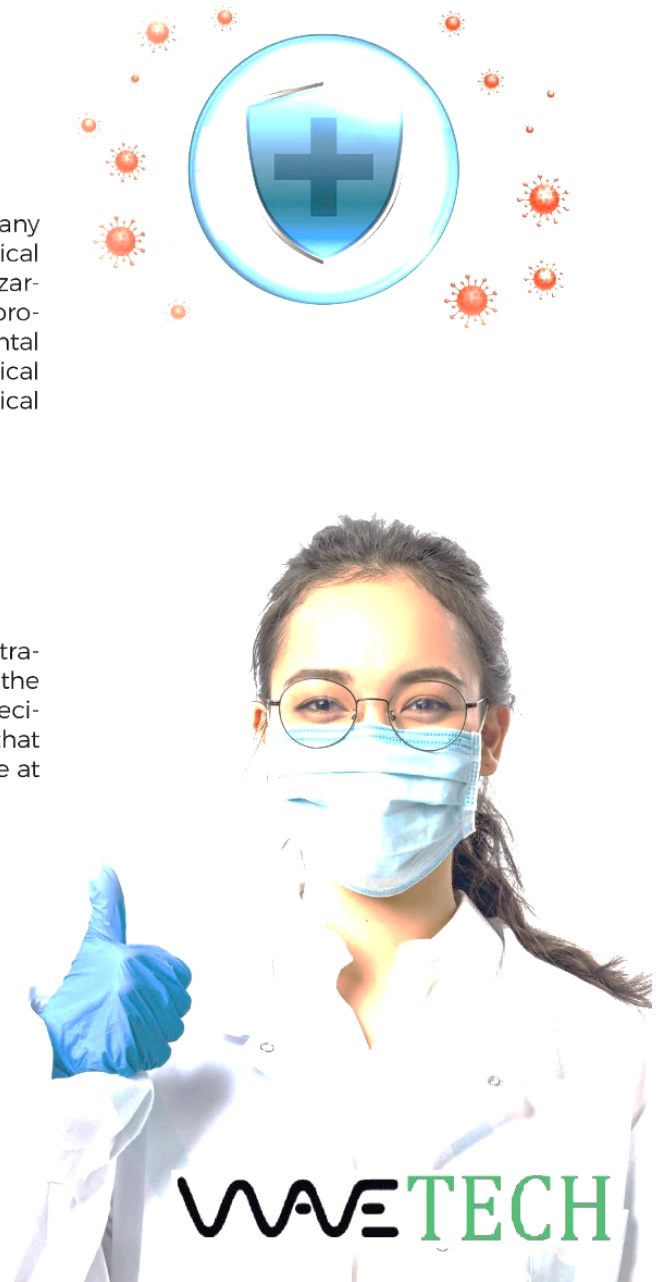
www.techno-fest.be

Medical Waste Sterilization System

Medical waste is defined as any waste produced as a result of any type of medical intervention to humans and animals. Medical wastes must be strictly regulated and controlled due to their hazardous risks to human health and environment. Medical waste producers, carriers and disposers are responsible for the environmental pollution and various damages that may be caused by medical waste. Briefly, there are four steps during the process of medical waste disposal:

Collection
Temporary storage
Transportation
Disposal;

Control of wastes is a high cost process due to the need for well-trained personnel at every stage, the use of special equipments, the need for cold storages, the transport procedure that requires special equipment and personnel, and the disposal procedures that require high pressure and heat. Medical waste disposal costs are at least twice as high as non-medical waste.



MEDICAL WASTE STERILIZATION SYSTEM

Thanks to the WAVE TECH Medical Waste Sterilization Systems developed by the WAVE TECH R&D department and patented by our company, the costs of the temporary storage, transportation and disposal processes of the medical waste control process are drastically reduced and the conversion of medical waste to domestic waste is provided in a safe and secure way.



Low
Cost



Safe
Transformation

Medical Waste Sterilization Systems use high-energy microwaves to eliminate all micro-organisms such as bacteria and viruses in the waste without requiring high pressure and heat, in contrast to the systems currently available on the market. The high pressure and heat used by the existing systems pose serious risks in terms of both employee and workplace safety and seriously increases the cost of disposal.



www.techno-fest.be

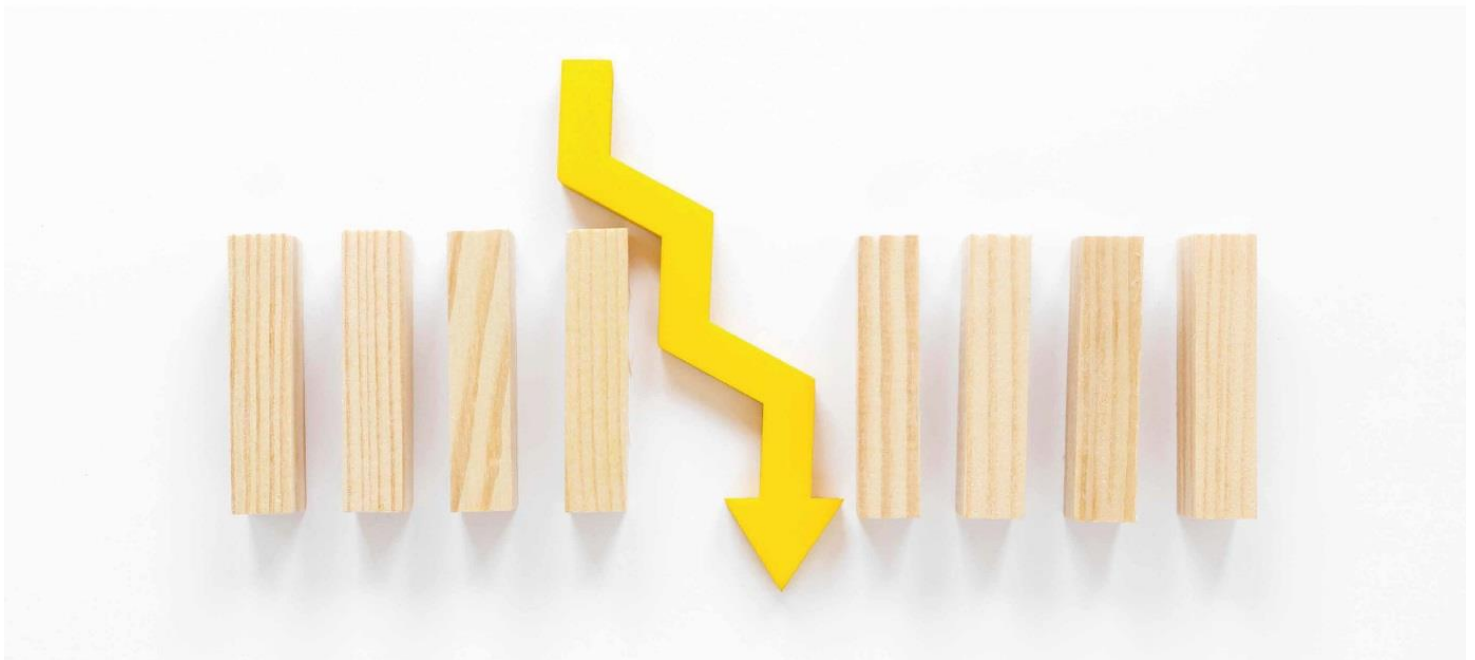
Medical Waste Sterilization System

WAVE TECH

Since WAVE TECH Medical Sterilization Systems can dispose of medical wastes on site, there is no need for cold storages that require high energy input and therefore extra costs. It also saves space within the facility.

Trained personnel, expensive transportation equipment, transportation costs and high insurance costs required for the transportation of medical wastes all increase costs, and it is possible to minimize all of these thanks to the WAVE TECH Medical Waste Sterilization Systems.

WAVE TECH Medical Waste Sterilization Systems are more economical than existing systems in terms of both initial purchasing costs and operating costs. The standard WAVE TECH Medical Waste Sterilization Systems have 300 and 500 liter capacities, yet they can also be produced in different capacities upon request. WAVE TECH Medical Waste Sterilization Systems offer ideal solutions for medical waste control for all kinds of healthcare facilities, from the smallest clinics to the largest hospitals.



www.techno-fest.be

MED500



Microbial Analysis : bacillus astrophaeus - 6log10 with bioindicator

Cabin : 500 L

Device Size : 120*200*75

Body Type : Stainless Steel

Microwaves : 2.45 Giga Hertz

Weight : 600 kg

Input Voltage : 220v-380 volt 3 phases



MED500 Product Advantages



Fully automated waste disposal process.

Heat and radiation control is fully automatic.

Heat and radiation can be programmed in a single cycle

Completely safe for the operator against hazardous wastes.

There is no possibility of microbes to be transmitted and spread.

The system works without the need for steam and pressure.

Since it does not require steam and pressure, there is never any risk of explosion.

Completely safe disposal.

Low maintenance costs.

Since it works with electricity, it does not need fuel and works with minimum energy input.

Since there is no fuel, the system does not pose a risk of fire, the electrical installation is completely safe.

Portable and can be carried as desired.



MED300



Microbial Analysis : bacillus atrophaeus
6log10 bioendikator ile

Cabin : 300 L

Device size : 100*150*75

Body Type : Stainless Steel

Microwaves : 2.45 Giga Hertz

Weight : 200 kg

Input Voltage : 220 v-380voltz 3 phases



MED300

Product Advantages



Fully automated waste disposal process.

Heat and radiation control is fully automatic.

Heat and radiation can be programmed in a single cycle

Completely safe for the operator against hazardous wastes.

There is no possibility of microbes to be transmitted and spread.

The system works without the need for steam and pressure.

Since it does not require steam and pressure, there is never any risk of explosion.

Completely safe disposal.

Low maintenance costs.

Since it works with electricity, it does not need fuel and works with minimum energy input.

Since there is no fuel, the system does not pose a risk of fire, the electrical installation is completely safe.

Portable and can be carried as desired.

