

# Sterilwave® 900



## Medical waste management solutions

- **Efficient:** up to 6log10 microbial inactivation
- Compliant with all international standards
- Shredding & decontamination by microwaves in one single vessel
- **Safe:** atmospheric pressure, no irradiation risk, no chemicals
- **Eco-friendly:** no water, no liquid effluent



# STERILWAVE® 900

## INNOVATIVE SOLUTION FOR MEDICAL WASTE MANAGEMENT



BEFORE



AFTER

Within 30 minutes, Sterilwave® transforms bio-hazardous waste into unrecognizable and inert municipal waste.

**Eco-friendly & efficient microwave technology**, it is dedicated to hospitals, clinics, laboratories and any other medical centers looking to improve its waste management cost and effectiveness. Sterilwave® converts bio-hazardous waste into ordinary municipal waste with a volume reduction up to 80% and weight reduction up to 30%.

Sterilwave® level of treatment exceeds all regulatory standards including NF X30-503-1 and STAATT requirements. The microwave technology is **recommended by WHO as lowest operating cost solution** for bio-hazardous waste management.

### COST REDUCTION

Plug & Play solution, easy maintenance  
Low operating costs

### EFFICIENT

Up to 6log10 inactivation  
Compliant with all international standards  
Volume reduction up to 80% & weight reduction up to 30%



### SAFE

Atmospheric pressure, no irradiation risk,  
no chemicals

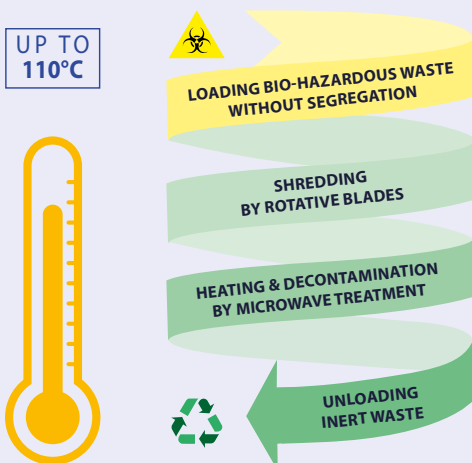
### NO WASTE SEGREGATION

Adapted to any kind of medical waste with their bags and containers, including sharps and related

### ECO-FRIENDLY

100% electric  
No water, no liquid effluent  
Circular economy possibility

## A 30-minute automatic process in one single vessel



## Sterilwave® range of solutions



**STERILWAVE 100**  
up to 20kg/h\*



**STERILWAVE 250**  
up to 50kg/h\*



**STERILWAVE 440**  
up to 88kg/h\*



**STERILWAVE 900**  
up to 150kg/h\*

\*with a waste density of 1L=0.1kg, variable on the type of waste

## Technical features

Waste capacity	1500L / H - up to 150 kg/h (with a waste density of 1L = 0,1kg)
Average cycle time	30 minutes
Vessel capacity	900L
Size (L x W x D)	5 x 4 x 4m
Weight	2200 kg
Electricity	400V/ 3-Phase, 150 A
Power consumption	25 kWh/cycle average
Technology	Shredding through a rotating blade & Microwave heating
Recommended floor space	35-45sqm with 4m ceiling height

## Operating data

Bacterial inactivation	up to 6log10
Volume reduction	Up to 80%
Average cycle time	
Weight reduction	Up to 30%
Final waste	Non-recognizable, dry, inert Considered household waste
Loading Process	Automatic
Unloading Process	Automatic