

Sterilwave® 50



Medical waste management solutions

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



STERILWAVE® 50

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 85% and weight reduction up to 25%.

Sterilwave® level of treatment exceeds all regulatory standards including NFX30-503 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 85%
& weight reduction up to 25%



SAFE

No pressure, no irradiation risk,
no chemicals

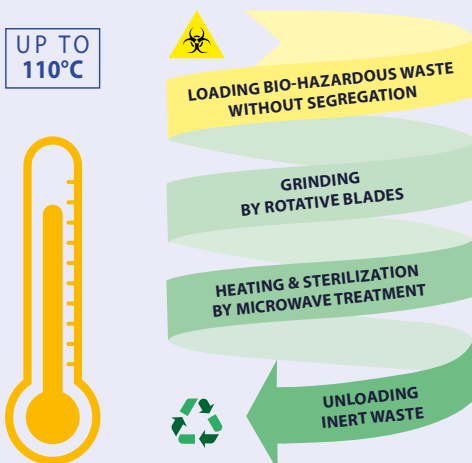
NO WASTE SEGREGATION

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*

Technical features

Waste capacity	100L / H - up to 10kg/h (with a waste density of 1L = 0,1kg)
Average cycle time	30 minutes
Vessel capacity	50L
Size (L x W x D)	1,35 x 1,1 x 1,1 m
Weight	550 kg
Electricity	220V / 1-phase
Technology	Grinding through rotating blade Microwave 800W heating
Recommended floor space	7sqm with 2m ceiling height

Operating data

Bacterial inactivation	Up to 6log10
Volume reduction	Up to 80%
Average cycle time	
Weight reduction	Up to 20%
Final waste	Unrecognizable
Loading Process	Manual
Unloading Process	Manual