

Sterilwave® 250



Medical waste management solutions

- Efficient: up to 8log10 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® 250

COMPACT SOLUTION FOR ON-SITE 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 8log10 inactivation
Compliant with all international standards
Volume reduction up to 85% & weight reduction up to 25%



SAFE

No pressure, no irradiation risk,
no chemicals

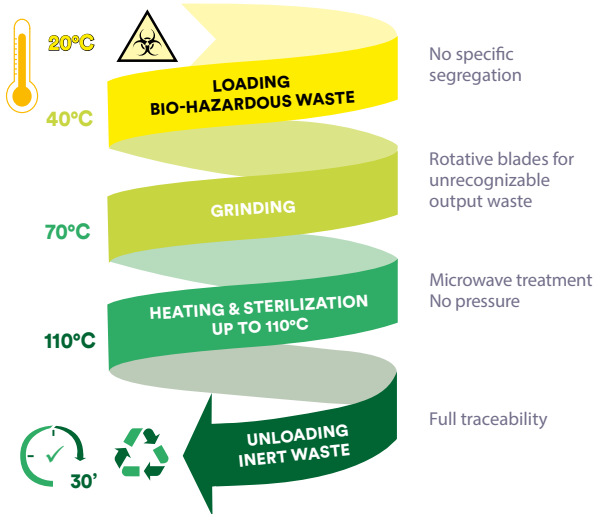
NO WASTE SEGREGATION

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

Process



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 180kg/h*

*estimated capacity with a waste density of 1kg/L

Technical features

Waste capacity	500L / H - up to 50 kg / h (with a waste density of 1L = 0,1kg)
Average cycle time	30 minutes
Vessel capacity	250 L
Size (L x W x D)	1.6 X 1.1 X 1.5 m
Weight	1200 kg
Electricity	400V/ 3-phase, 63A
Technology	Grinding through rotating blade Microwave 800 W heating
Recommended floor space	10-12sqm with 2.2m ceiling height (3m with automatic loading option)

Operating data

Bacterial inactivation	Up to 8log10
Volume reduction	Up to 85%
Average cycle time	Up to 30 minutes
Weight reduction	Up to 25%
Final waste	Unrecognizable, inert, dry, stable
Loading Process	Manual or automatic