

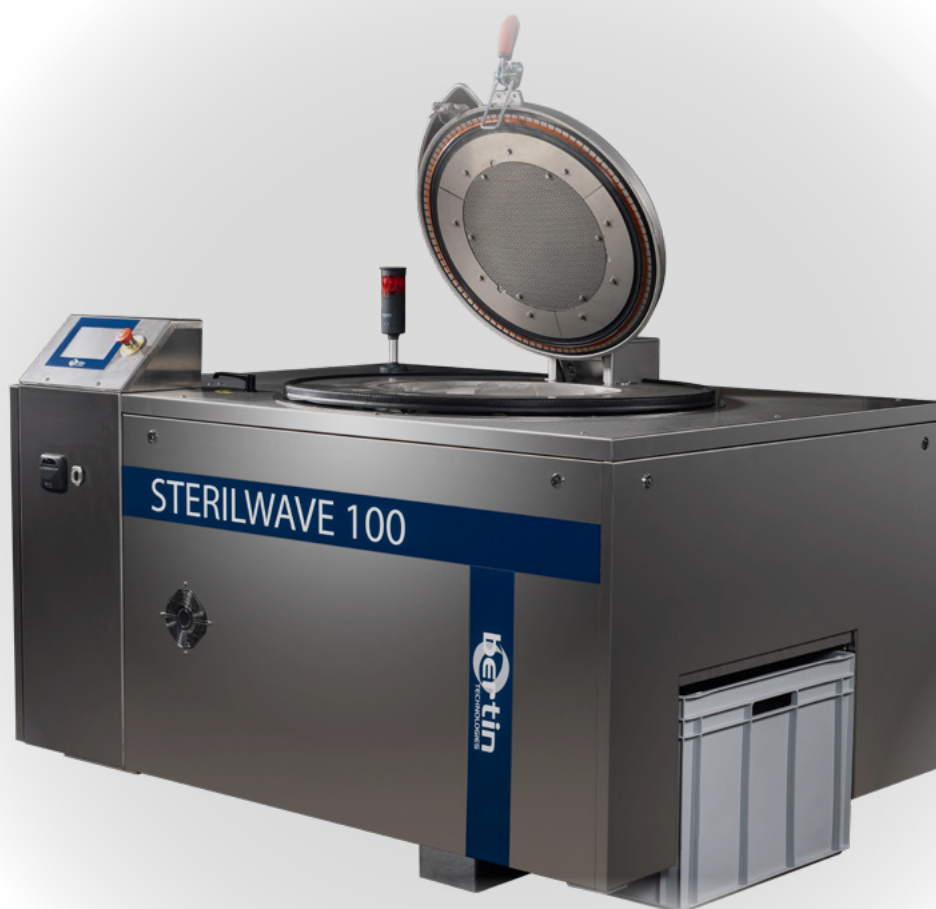


**STERILWAVE**

# STERILWAVE 100

Ultra-compact medical waste management solution

Capacity: 20kg/h\*



## The safest compact solution for on-site medical waste management

- On-site conversion of bio-hazardous waste into ordinary municipal waste
- Grinding & microwave sterilization in one single vessel
- Eco-friendly: 100% electric, zero effluents, zero environmental impact
- Bacterial reduction up to 6log10

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

# STERILWAVE 100



## The easiest and most efficient way to manage on-site medical waste

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.

## Advantages

### 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

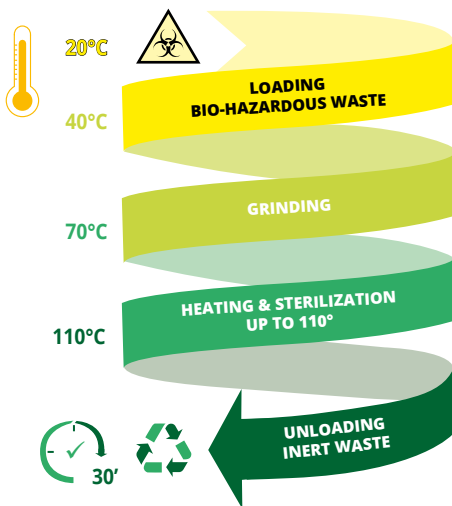
### No waste segregation

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



No specific segregation

Rotative blades for unrecognizable output waste

Microwave treatment  
No pressure

Full traceability

## Sterilwave® range of solutions adapted to any type of healthcare facilities



## Technical features

**WASTE CAPACITY:** 200L / H

UP TO 20 KG / H (WITH A DENSITY OF 1L = 0,1KG)

**AVERAGE CYCLE TIME:** 30 MINUTES

**VESSEL CAPACITY:** 100 L

**DIMENSIONS (L X W X D):** 1.7 X 1.2 X 1.1 M

**TOTAL WEIGHT:** 700 KG

**ELECTRICITY:** 400V/ 3-PHASE , 40A

**TECHNOLOGY:**

GRINDING THROUGH ROTATING BLADE

MICROWAVE 800 W HEATING

**RECOMMENDED FLOOR SPACE:** 8SQM

WITH 2M CEILING HEIGHT

### OPERATING DATA

**BACTERIAL INACTIVATION:** UP TO 6LOG10

**VOLUME REDUCTION:** UP TO 85%

**WEIGHT REDUCTION:** UP TO 25%

**FINAL WASTE:** UNRECOGNIZABLE, INERT, DRY, STABLE

**LOADING PROCESS:** MANUAL

Official distributor: