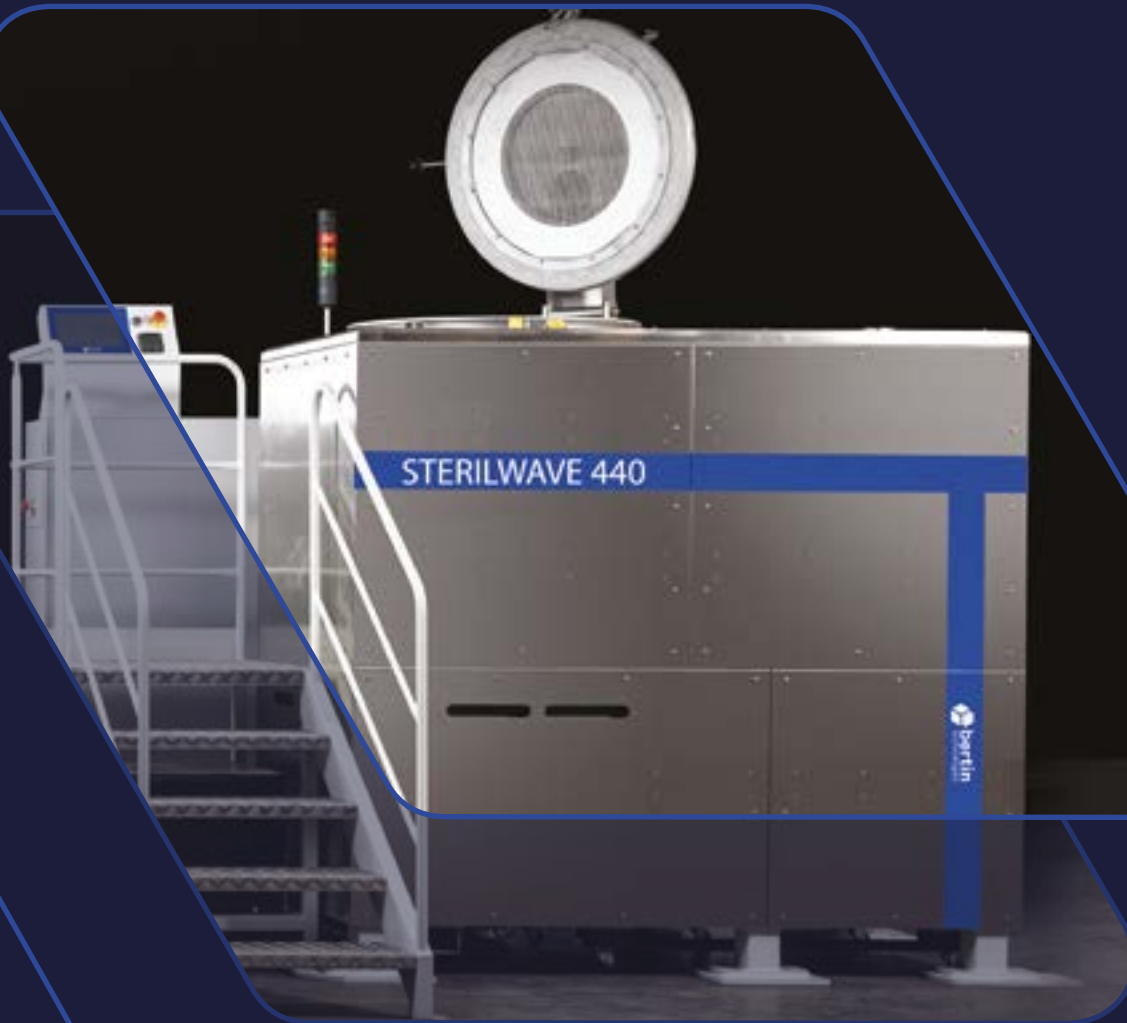


# Sterilwave® 440



## 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® 440

## 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

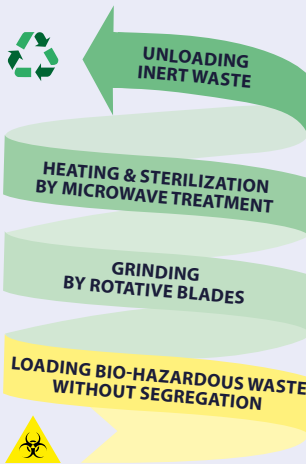
Adapted to any kind of medical waste with their bags and containers, including sharps and related

### ECO-FRIENDLY

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

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

UP TO 110°C



## 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\*

## Technical features

<b>Waste capacity</b>	880L / H - up to 88 kg / h (with a waste density of 1L = 0,1kg)
<b>Average cycle time</b>	30 minutes
<b>Vessel capacity</b>	440 L
<b>Size (L x W x D)</b>	2 X 1.1 X 2 m
<b>Weight</b>	1400 kg
<b>Electricity</b>	400V/ 3-phase, 63A
<b>Technology</b>	Grinding through rotating blade Microwave 800 W heating
<b>Recommended floor space</b>	10-20sqm with 3m ceiling height (3,85m with automatic loading option)

## Operating data

<b>Bacterial inactivation</b>	up to 8log10
<b>Volume reduction</b>	Up to 85%
<b>Average cycle time</b>	Up to 30 minutes
<b>Weight reduction</b>	Up to 25%
<b>Final waste</b>	Unrecognizable, inert, dry, stable
<b>Loading Process</b>	Manual