



STERILWAVE

STERILWAVE 440

Ultra-compact medical waste management solution

Capacity: 88kg/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 8log10

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

STERILWAVE 440



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

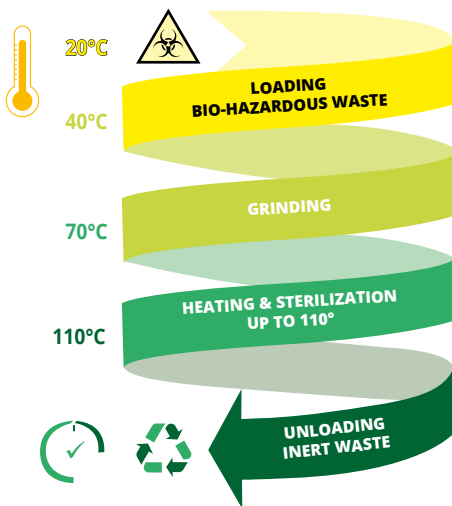
No waste segregation

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



Technical features

WASTE CAPACITY: 800L / H

UP TO 88 KG / H (WITH A DENSITY OF 1L = 0,1KG)

AVERAGE CYCLE TIME: 30 MINUTES

VESSEL CAPACITY: 440 L

DIMENSIONS (L X W X D): 2X1.1X2 M

TOTAL WEIGHT: 1400 KG

ELECTRICITY: 400V/ 3-PHASE , 63A

TECHNOLOGY:

GRINDING THROUGH ROTATING BLADE

MICROWAVE 800 W HEATING

RECOMMENDED FLOOR SPACE: 10 M²

WITH 3M CEILING HEIGHT

OPERATING DATA

BACTERIAL INACTIVATION: UP TO 8LOG10

VOLUME REDUCTION: UP TO 85%

WEIGHT REDUCTION: UP TO 25%

FINAL WASTE: UNRECOGNIZABLE, INERT, DRY, STABLE

LOADING PROCESS: MANUAL OR AUTOMATIC

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



Official distributor: