



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: zero effluents, zero environmental impact
- Bacterial reduction over 8log10



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 80% 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 effective

- Compact on-site solution
- Low operational cost
- No storage area needed
- No need for waste collection & transport
- Volume reduction up to 80% & weight reduction up to 25%

Eco-friendly

- No liquid effluent
- Zero environmental impact
- On-site equipment, no transport



Easy to use

- Easy installation (in just a few hours) & maintenance
- Fully automatic process
- No specific technical qualifications required

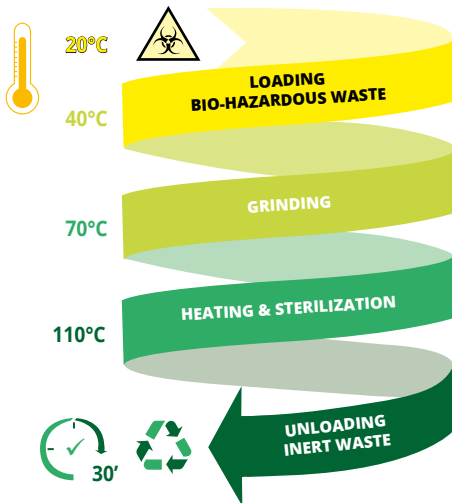
High safety and risk reduction

- No bio-hazardous waste storage on site: less risk of exposure to staff
- Safe microwave technology and process
- No pressure
- Complete process traceability

Efficient

- Bacterial reduction over 8Log10
- System tested by independant agencies (Pasteur Institute)
- Exceeds all international regulatory standards
- Dry waste output - 80% weight reduction

Process



Manual loading of the bio-hazardous waste.

Grinding step to reduce the waste volume (rotative blades).

Heating for sterilization using microwave solution.

Transfer of the grinded/sterilized waste into a container.



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: > 8LOG10

VOLUME REDUCTION: UP TO 80%

WEIGHT REDUCTION: UP TO 25%

FINAL WASTE: UNRECOGNIZABLE, INERT, DRY, STABLE

LOADING PROCESS: MANUAL OR AUTOMATIC

Sterilwave® range of solutions: adapted to any size of healthcare facilities



Sterilwave 100 capacity up to 20kg/h*



Sterilwave 250 capacity up to 50kg/h*

*with a density of 1L=0,1kg

Official distributor: