sterilwave

Medical Waste.
Treated. On site.

Sterilwave 250

FOR

HOSPITALS
CLINICS
LABORATORIES

50 kg/h | 500 L/h



Sterilwave 250 combines rotative blades shredding and microwave technology in one single vessel to treat infectious healthcare waste on site.

Compact. No transport. No pressure.
No liquid effluent. No incineration.

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30 min
AUTOMATIC CYCLE

Up to 8 $\log_{10}$
MICROBIAL INACTIVATION

Up to 85 %
VOLUME REDUCTION

Up to 25%
WEIGHT REDUCTION

THE PROCESS

30 minutes.
1 single vessel.

20° C

LOAD
Infectious waste

SHRED
with rotating blades

TREAT
with microwaves

DISCHARGE
safe waste

From infectious
to municipal waste.

110° C

BEFORE



AFTER



Sterilwave 250

50 kg/h 500 L/h

Based on 0.1 kg/L. May vary with waste type.
Excludes handling between cycles.

Treatment chamber volume	250 L
Typical cycle time	30 minutes
Dimensions, main unit (L × W × H)	2.4 × 1.2 × 1.7 m
Approximate weight	1,200 kg
Power supply	400 V / 3-phase / 50 Hz / 63 A
Average power consumption per cycle	~6 kWh
Recommended floor surface	10 m²
Recommended ceiling height	2.2 m (or 3 m with automatic loading system option)
Loading method	Manual or automatic (option)
Electronic weighing	Option
Technology	Shredding by rotative blades and heating by microwaves
Volume reduction	Up to 85%
Weight reduction	Up to 25%
Final waste	Unrecognisable, inert, dry and stable



THE STERILWAVE RANGE



10 kg/h	20 kg/h	50 kg/h	88 kg/h	150 kg/h
Sterilwave 50	Sterilwave 100	Sterilwave 250	Sterilwave 440	Sterilwave 900

Non-contractual document and pictures. Specifications subject to change without notice. Sterilwave 2026