sterilwave

Medical Waste.
Treated. On site.

Sterilwave 100

FOR

HOSPITALS
CLINICS
LABORATORIES

20 kg/h | 200 L/h



Sterilwave 100 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	Up to 6 $\log_{10}$	Up to 85 %	Up to 25 %
AUTOMATIC CYCLE	MICROBIAL INACTIVATION	VOLUME REDUCTION	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 100

20 kg/h 200 L/h

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

Treatment chamber volume	100 L
Typical cycle time	30 minutes
Dimensions, main unit (L × W × H)	1.7 × 1.2 × 1 m
Approximate weight	700 kg
Power supply	400 V / 3-phase / 50 Hz / 40 A
Average power consumption per cycle	~4 kWh
Recommended floor surface	8 m²
Recommended ceiling height	2 m
Loading method	Manual
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