



STERILWAVE



Innovative solution for biomedical waste management

- **Plug & play**
Shredding & sterilization by microwaves
- **Eco-friendly**
Green alternative 100% electric, no water
Positive environmental impact
- **Compliant with all international standards**
- **Ultra compact**

A WORLDWIDE CHALLENGE FOR PUBLIC HEALTH & ENVIRONMENT

- **From tens to hundreds kilos of dangerous bio hazardous waste** are daily produced in each hospital
- Infectious biomedical waste is considered as the most **dangerous waste generated in hospital**
- **70 % of hospitals lack basic waste management** in developing countries - [UNICEF-WHO 2020]

**The WHO and the United Nations
recommend to treat infectious waste
directly on hospital site**



**STERILWAVE, the most compact on-site solution combining
shredding & microwave heating in one single vessel**

STERILWAVE 100



Volume of the vessel: **100L**
Treatment capacity: **200L/h, up to 20kg/h***
Dimensions (L x W x D): **1.7 x 1.2 x 1.1m**
Electricity: **400V/ 3-Phase, 40A****

STERILWAVE 250



Volume of the vessel: **250L**
Treatment capacity: **500L/h, up to 50kg/h***
Dimensions (L x W x D): **1.6 x 1.1 x 1.5m**
Electricity: **400V/ 3-Phase, 63A****

STERILWAVE 440



Volume of the vessel: **440L**
Treatment capacity: **880L/h, up to 88kg/h***
Dimensions (L x W x D): **2 x 1.1 x 2m**
Electricity: **400V/ 3-Phase, 63A****

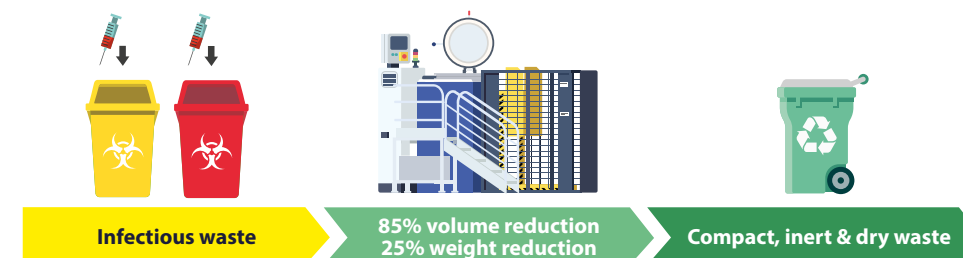
STERILWAVE 900



Volume of the vessel: **900L**
Treatment capacity: **1,800L/h, up to 180kg/h***
Dimensions (L x W x D): **2.7 x 2.9 x 2.5m**
Electricity: **400V/ 3-Phase, 100A****

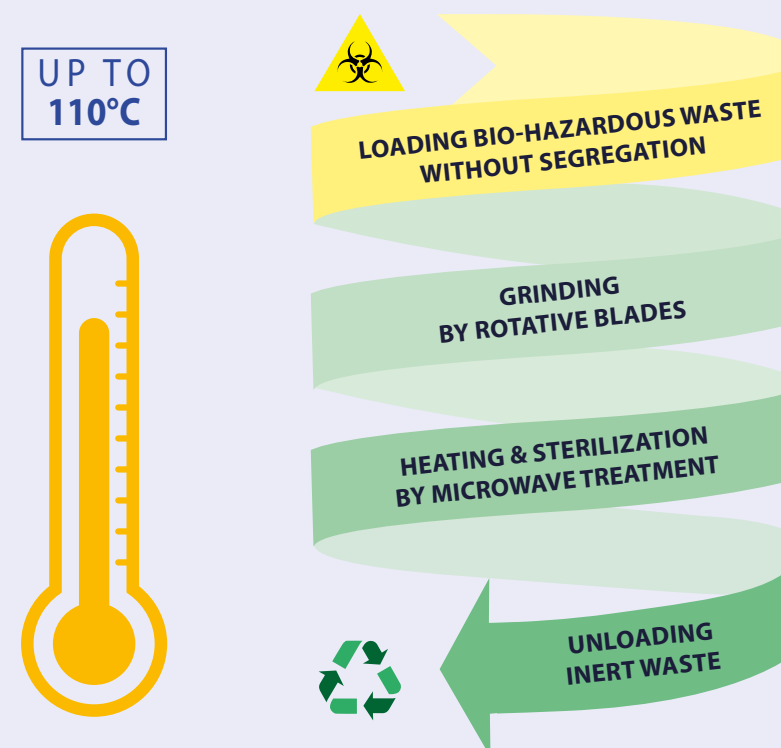
*with a waste density of 1L=0.1kg, variable on the type of waste
** adaptable to other electrical specifications

KEY BENEFITS



- Efficient:** Up to 8log10 inactivation. Compliant with all international standards
- Cost Reduction:** Plug & play solution, easy maintenance, low operating costs
- 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
- Multi-award winner**
- Eco-friendly:** 100% electric, no water, no liquid effluent, circular economy possibility
- Technical support worldwide:** installation & training on customer site
- Real-time monitoring** of all operational data remotely
- Smart maintenance:** video tutorials & maintenance protocols on secured customer platform
- Factory in France:** continuous availability of spare parts & express shipping worldwide

A 30-minute automatic process in one single vessel





Bertin Medical Waste is a brand of Bertin Technologies, a French industrial group in high-end instrumentation that designs and manufactures, in France and in Europe, measurement, observation & detection systems and instruments for critical or scientific applications.

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situated outside of France, supported by
an extensive worldwide distribution network**



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