



We're here for life

STERILWAVE®

INNOVATIVE SUSTAINABLE SOLUTION FOR CLINICAL WASTE MANAGEMENT



## Treating hospital waste sustainably and efficiently at the source of generation is our future.

Hipac is revolutionising the clinical waste treatment process by establishing a new standard of efficiency and sustainability. With Sterilwave®, an on-site microwave treatment and shredding solution, healthcare providers can effectively and conveniently dispose of clinical waste on-site, eliminating the need for off-site transportation and reducing environmental impact. With this innovative solution, Hipac is paving the way for a more efficient and sustainable future in clinical waste management.

**Sterilwave® is the on-site solution compliant with Australian Standards and WHO's recommendations.**



The shredding and microwave treatment create highly efficient microbial inactivation for various waste types, including metal waste.



## Designed for all types of clinical waste

Sterilwave® is capable of handling all types of clinical waste outlined in both state and federal regulations applicable to hospitals, laboratories, and veterinary clinics. These units are capable of effectively treating various forms of waste, including liquid and solid waste, sharps, glass, metals, and containers.

\*Not suited for anatomical, Cytotoxic and radioactive waste.



Manufactured in France, Sterilwave® technology is renowned worldwide.



#### **Waste minimisation**

Reducing medical waste by up to 80% of volume and 25% of weight, greatly reduces freight movements and handling.



#### **No waste segregation**

Can be used to dispose any kind of medical waste and their bags or containers, including sharps.



#### **Efficient**

Up to 8log10 inactivation, compliant with all international standards including Australian standards of decontamination.



#### **No pressure, irradiation risk or chemicals.**



#### **Cost effective**

Plug & Play solution with easy maintenance and low operating costs.



#### **Premium management**

Control your waste streams and eliminate reliance on a third party.



#### **Eco-friendly**

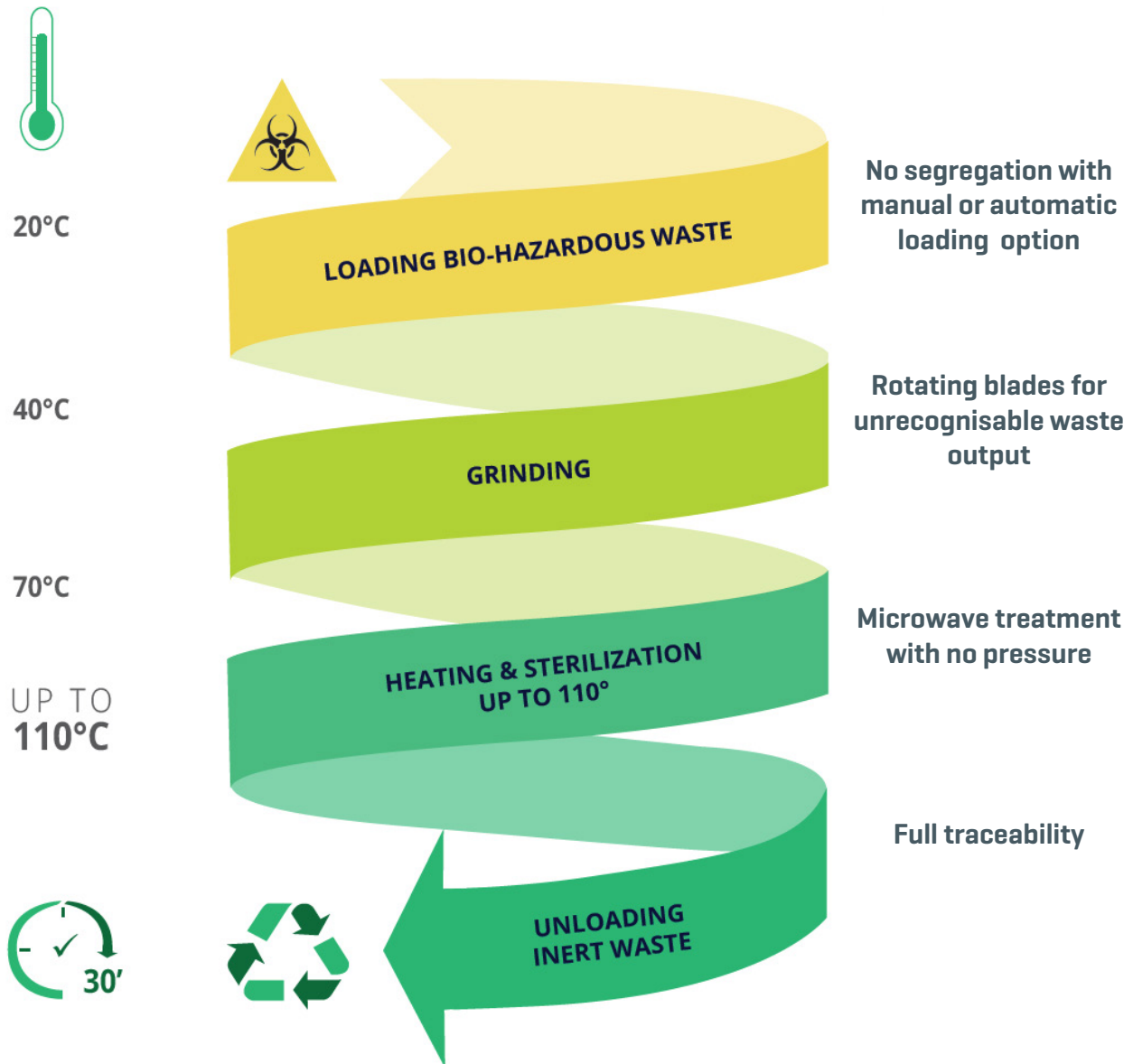
100% electric - reducing your carbon and water footprint with circular economy possibilities.



#### **Space optimisation**

Compact unit that reduces bin storage requirements and can be simply retrofitted into facilities.

**A 30 minute automatic process in one single vessel**



## A comprehensive offer of technical service



Technical support  
Australia wide with  
installation and  
on-site training.



Real-time  
monitoring of all  
operational data  
remotely.



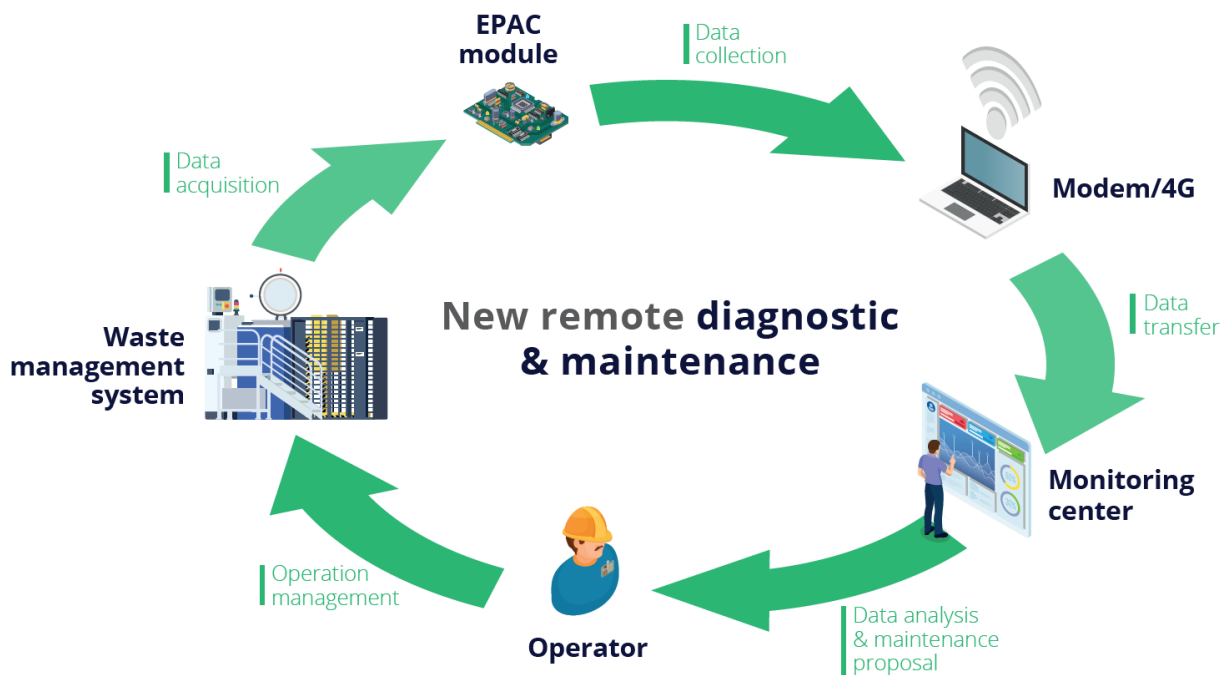
Smart  
maintenance  
video tutorials  
and maintenance  
protocols on a  
secure customer  
platform.



Australian based  
warehousing  
with continuous  
availability of spare  
parts.

## Hipac Monitoring Centre

Online diagnostic & maintenance system available 24/7



# Sterilwave® Solutions Range

**The most compact solution combining shredding and microwave heating in one single vessel**

## Sterilwave® 100 series



The Sterilwave 100 is designed for small-scale medical facilities. This advanced biomedical waste management system can effectively treat up to 20kg of waste per hour. With an ultra-compact design, the Sterilwave 100 seamlessly integrates into your space, providing a professional and reliable solution for your waste management needs.

Volume of the vessel: **100L**  
Treatment capacity: **200L/h, up to 20kg/h\***  
Average cycle time: **30min**  
Dimensions [LxWxD]: **1.7x 1.2 x 1.1m**  
Weight: **700kg**  
Electricity: **415V/ 3-Phase, 40A**  
Recommended working area: **8m<sup>2</sup> floor surface**  
Ceiling height: **2m**  
Loading process: **Automatic**  
Electronic weighting: **Included**

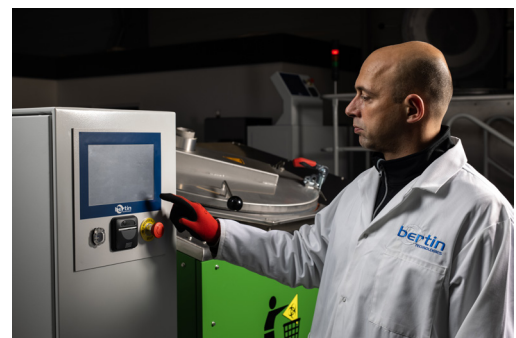


## Sterilwave® 250 series



The Sterilwave 250 empowers medium-sized facilities with advanced waste treatment capacity. With the ability to process 50kg of biomedical waste per hour, this cutting-edge system ensures safety and traceability while significantly reducing operating costs.

Volume of the vessel: **250L**  
Treatment capacity: **500L/h, up to 50kg/h\***  
Average cycle time: **30min**  
Dimensions [LxWxD]: **1.6x 1.1 x 1.1m**  
Weight: **1,200kg**  
Electricity: **415V/ 3-Phase, 40A**  
Recommended working area: **10-12m<sup>2</sup> floor surface**  
Ceiling height: **2.2m**  
Loading process: **Automatic**  
Electronic weighting: **Included**





### Sterilwave® 440 series

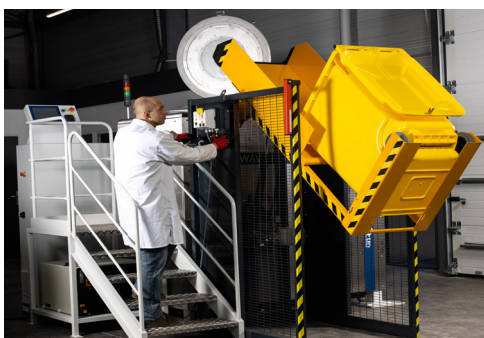


With an impressive capacity of 88 kg per hour, the Sterilwave 440 is an advanced system ensuring remarkable efficiency while keeping operating costs at a minimum. Designed for managing biomedical waste and meeting the demands of high-volume facilities.

Volume of the vessel: **440L**  
Treatment capacity: **500L/h, up to 50kg/h\***  
Average cycle time: **30min**  
Dimensions [LxWxD]: **2 x 1.1 x 2m**  
Weight: **1,400kg**  
Electricity: **415V/ 3-Phase, 63A**  
Recommended working area: **20-25m<sup>2</sup> floor surface**  
Ceiling height: **3m**  
Loading process: **Automatic**  
Electronic weighting: **Included**



### Sterilwave® 900 series



The Sterilwave 900 is the latest solution for high-volumes of biomedical waste. With treatment capacity of 180kg per hour, this unit is designed for large and high-volume facilities.

Volume of the vessel: **900L**  
Treatment capacity: **1.800L/h, up to 180kg/h\***  
Average cycle time: **30min**  
Dimensions [LxWxD]: **2.7 x 2.9 x 2.5m**  
Weight: **1,500kg**  
Electricity: **415V/ 3-Phase, 100A**  
Recommended working area: **30<sup>2</sup> floor surface**  
Ceiling height: **4m**  
Loading process: **Automatic**  
Electronic weighting: **Included**



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

## **ABOUT HIPAC**

At Hipac, we want the same thing as our clients – an environment where healthcare professionals can work productively, safely and efficiently to achieve the best possible patient outcomes. We work closely with our customers and partners to design, manufacture and supply superior products. With almost 40 years of experience, Hipac has the expertise to deliver premium solutions along with competent, trustworthy advice.

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