

Microwave Medical Waste Disinfection Equipment



This equipment combines steam heat, thermal microwaves, and biological microwaves to achieve a thorough sterilization effect on medical waste, ensuring safe disposal and infection control.

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Product Features



Portable design for rapid deployment in emergency situations, including healthcare facilities, quarantine zones, and mobile units for immediate waste disposal.



Efficient operation with minimal energy consumption and safety features that allow for easy setup and reliable performance.



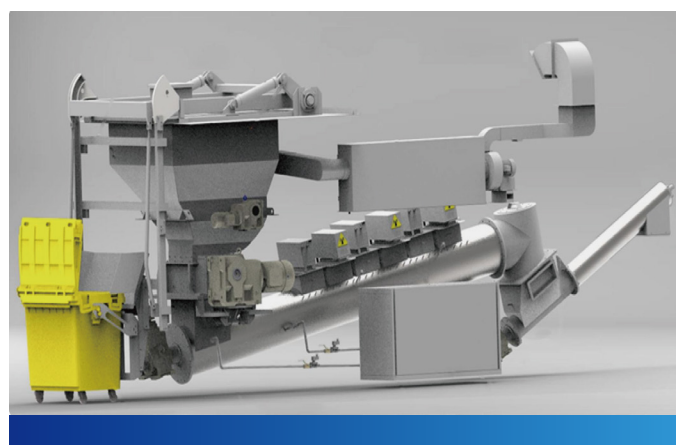
Effective sterilization through advanced microwave technology to halt virus transmission, mitigate epidemic risks, and promote public health.



User-friendly automation for simplified use by a single operator, reducing the risk of cross-contamination and ensuring safe handling of medical waste.



Environmentally conscious design that eliminates wastewater production, incorporating self-contained purification systems for clean discharge and eco-friendly practices.



Ergonomic Design



Energy saving

Short and fast microwave disinfection time and energy saving solution



Thorough

Bacteria, viruses and other harmful substances are structurally destroyed and inactive



Efficient

Microwave + water vapour combination for improved efficiency



Environmental friendly

Microwave disinfection technology does not produce toxic or odorous gases, protecting the health of the operator and the environment



Specifications

	Model	YFXDG5000 (300kg/hr)
General Specifications	Capacity per hour	300kg/hr
	Single treatment capacity	Continuous operation
	Volume reduction	0.5
	Weight reduction	0.2
	Electrical Supply	380 V, 50 Hz (Three Phase)
	Size of Processed Waste	20 to 25 mm of upto 80 to 85 Percent of Processed Waste
	Monitoring & Control Display with Touch Screen	Yes
	Installed Load	135 Kwh
	Average Electricity Consumption	Less than 81 Kwh
	Warranty period	24 months
	Automatic Loading System	Yes
	Length(mm)	8000
	Width (mm)	2900
	Height (mm)	2650
Shredding / Crushing System	With or without crushing	With Crushing
	Box Body (Material)	Stainless steel
	Power in Kw (Shredding system)	30kw
	Blade quality	D550
	Number of blades	22
	Blade thickness	20-25mm
	Rotation speed	20r/min



Specifications

	Model	YFXDG5000 (300kg/hr)
Sterilization	Sterilization grade	6 Log 10
	Sterilization temperature	95~115°C
	Exhaust gas treatment	Yes
Steam Generator	Steriliser chamber material	Stainless steel
	Microwave generator power (kW)	1.5kw*10 sets
	Steam generator power (kW)	72kw
Electrical Control System	Electric control box / operating box	PLC includes industrial computer and control software manual interface, support mobile phone remote operation APP control system support data remote information monitoring and acquisition
Water supply system	Connection to municipal water	Built-in water softener
Alarm system	List of alarm systems	<ol style="list-style-type: none"> 1.Host current over count alarm 2.Host overload alarm 3.microwave overheating fault alarm 4.microwave leakage alarm 5.overloaded induced draft fan alarm 6.Trolley not in place alarm 7.Alarm of bin lid not closed in place 8.Discharge door not open in place alarm 9.Discharge door not closed in place alarm 10.Emergency stop alarm 11.Cooling fan overload alarm 12.Temperature sensor failure alarm
History of Cycles	Cycle History	Yes