

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

Swift deployment in emergencies, ideal for healthcare facilities, quarantine zones, and mobile units



Efficient Operation

Minimized energy usage and safety features for effortless setup and reliable performance



Effective Sterilization

Advanced microwave tech halts virus transmission, mitigates epidemic risks, and bolsters public health



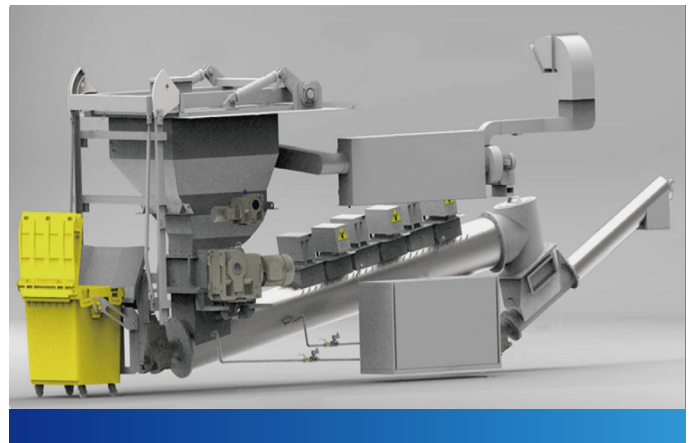
User-Friendly Automation

Simple operation by a single user reduces cross-contamination risks, ensuring safe waste handling



Environmentally Conscious

Eliminates wastewater production, integrating self-contained purification for eco-friendly discharge



 **Design**



Ergonomic and Energy-Saving

Streamlined design and energy-efficient processes optimize usability and sustainability



Enhanced Efficiency

Combining microwaves with water vapor boosts effectiveness, providing a quicker, more thorough solution



Swift and Thorough

Rapid microwave disinfection destroys bacteria, viruses, and harmful substances, ensuring comprehensive sterilization



Eco-Friendly

Our technology produces no toxic or odorous gases, safeguarding both operators and the environment

 **Specifications**

	Model	YFXDG10000(625kg/hr)
General Specifications	Capacity per hour (kg/hr)	625
	Single treatment capacity	Continuous operation
	Volume reduction	0.5
	Weight reduction	0.2
	Electrical Supply (V/50)	380 /50 (Three Phase)
	Size of Processed Waste	20 to 25 mm of up to 80 to 85 Percent of Processed Waste
	Monitoring & Control Display with Touch Screen	Yes
	Installed Load (Kwh)	176
	Average Electricity Consumption (Kwh)	Less than 104
	Warranty period	24 months
	Automatic Loading System	Yes
	Length(mm)	10500
	Width (mm)	2900
Height (mm)	2650	
Shredding and Crushing System Info	Crushing mechanism included	With Crushing
	Box Body (Material)	Stainless steel
	Power in kW (Shredding system)	30
	Blade type & quantity	30 x D550 20-25mm thick
	Rotation speed (r/min)	20

 **Specifications**

	Model	YFXDG10000 (625kg/hr)
Sterilization	Sterilization grade	6 Log 10
	Sterilization temperature (°C)	95-115
	Exhaust gas treatment	Yes
Steam Generator	Steriliser chamber material	Stainless steel
	Microwave generator power (kW)	1.5/20 set
	Steam generator power (kW)	72
Electrical Control System	Operational and Electrical Controls	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	Alarm information	<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
Cycle Information	Cycle History	Yes