

# 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.

**Haier Biomedical Co.,Ltd.**

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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



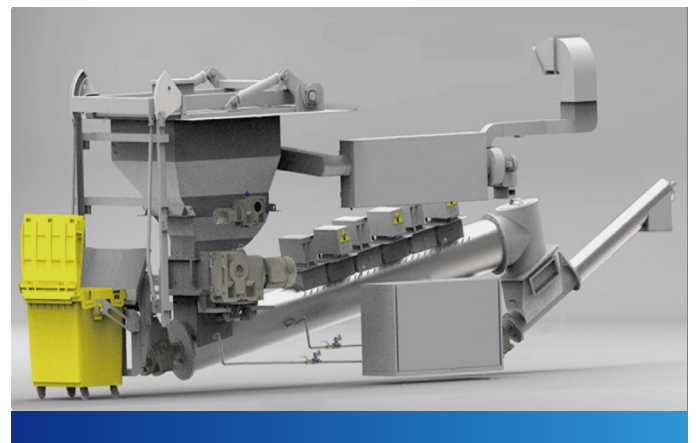
**User-Friendly Automation**

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	YFXDG5000 (300kg/hr)
<b>General Specifications</b>	Capacity per hour (kg/hr)	300
	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)	135
	Average Electricity Consumption (Kwh)	Less than 81
	Warranty period	24 months
	Automatic Loading System	Yes
	Length(mm)	8000
	Width (mm)	2900
Height (mm)	2650	
<b>Shredding and Crushing System Info</b>	Crushing mechanism included	With Crushing
	Box Body (Material)	Stainless steel
	Power in kW (Shredding system)	30
	Blade type & quantity	22 x D550 20-25mm thick
	Rotation speed (r/min)	20



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	Model	YFXDG5000 (300kg/hr)
<b>Sterilization</b>	Sterilization grade	6 Log 10
	Sterilization temperature (°C)	95-115
	Exhaust gas treatment	Yes
<b>Steam Generator</b>	Steriliser chamber material	Stainless steel
	Microwave generator power (kW)	1.5/10 set
	Steam generator power (kW)	72
<b>Electrical Control System</b>	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
<b>Water Supply System</b>	Connection to municipal water	Built-in water softener
<b>Alarm system</b>	Alarm information	<ol style="list-style-type: none"> <li>1.Host current over count alarm</li> <li>2.Host overload alarm</li> <li>3.microwave overheating fault alarm</li> <li>4.microwave leakage alarm</li> <li>5.overloaded induced draft fan alarm</li> <li>6.Trolley not in place alarm</li> <li>7.Alarm of bin lid not closed in place</li> <li>8.Discharge door not open inplace alarm</li> <li>9.Discharge door not closed inplace alarm</li> <li>10.Emergency stop alarm</li> <li>11.Cooling fan overload alarm</li> <li>12.Temperature sensor failure alarm</li> </ol>
<b>Cycle Information</b>	Cycle History	Yes