



YFXDG200



Protection & Alarm System



Safe and ECO-friendly



Mobile & IOT

# Medical Waste Disposal Workstation

## Scope of Application

The medical waste disposal workstation (YFXDG200) is dedicated to the treatment of medical waste within medium/small-scale hospitals, clinics, emergency places, and field hazardous treatment in the epidemic zone. Can be used to treat cotton swabs, cotton balls, disposable sanitary products, media, strains, specimens, culture medium, blood, and other infectious waste; Medical pillows, scalpels, surgical saws, sharps like the damaged glass pieces of the tube; Waste of human tissues, organs, cadavers, pathological wax pieces, and other pathological wax blocks. Not applicable to the treatment of pharmaceutical and chemical wastes.

## Innovative Design

- High efficient sterilization
- Centimeter-level grinding
- High specification of automation

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## Product Advantages



### Mobile & IOT

- Reserved GPS+GDS positioning, double assurance
- Detailed process monitoring visualized data presentation and graphical process display



### High Efficient Sterilization

- Microwave + high temperature steam treatment for the double sterilization
- The killing rate of spores and other microorganisms enabled standard level of log6



### Safe and ECO-friendly

- No emission of harmful gases and waste water during disinfection
- Real-time monitoring of leakage of microwave disinfection unit



### Centimeter-level Grinding

- Adopt a high-intensity & wear-resistant blades
- Reachable crushing particle size within 2cm



### Protection & Alarm System

- It also has sound and light alarm
- Abnormal alarm and stop protection



### High Specification of Automation

- PLC touch system, one-click operation
- It only takes one person to complete

## Product Advantages

Chamber for the sterilization: medical waste crushing and sterilization warehouse

Heat dissipation hole: heat dissipation inside the machine

Built-in circuit module: switchgear source, communication interface, steam control, etc

Printer function: sterilization date, time, personnel, and other information paper records

Foot pad: Adjustable foot pad, adapted to diverse environment scenarios and various ground leveling for use



Gas exhaust port: After the gas inside the chamber is disinfected, it will discharged through this port

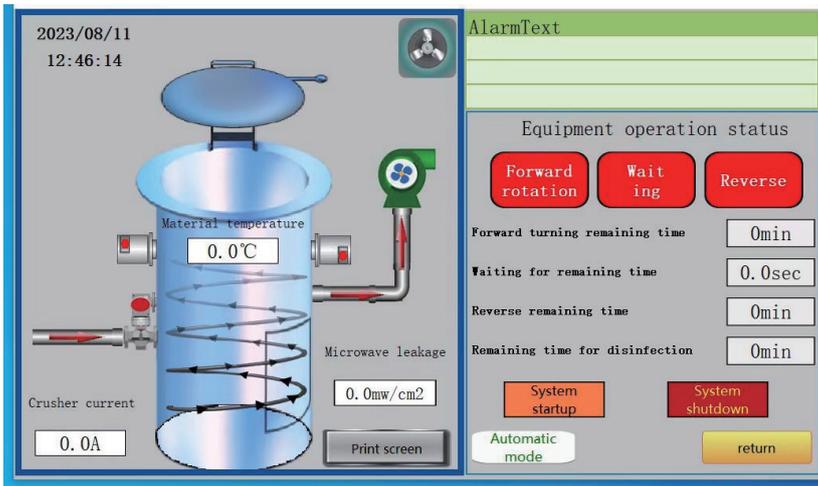
Audible and Flashing alarm: crusher, steam, microwave, hatch door, and other abnormal sound and light alarm

PLC control panel: LCD touch-screen panel, supporting manual & automatic control

Emergency stop button: emergency stop in abnormal conditions to protect the safety of the machine and personnel

Convenient-moveable waste treatment module: Medical waste can be transferred directly to the discharge bin after being crushed and disinfected

## Control Mode



- Large LCD touch screen
- Fault & abnormal alarm
- Real-time display of operational status
- Record traceability and availability for frequent data collection
- Manual/automatic easily switching
- Smart IOT technology, remote digital accessibility support

## Specifications

Model	Voltage (V)	Dimensions	Rating	Net Weight
YFXDG200	380V/50	2240*1640*1460 (1080) mm	14KW	< 1t
Crushing System	Power	Blade Quantity	Angular Velocity	Material
	5.5KW	>4	1200r/min	D550
Steam System	Power	Tank Volume	Power of Electric Heater	Vapor
	2KW	15L	6000h	1.5L/single
Sterilization System	Power	Microwave Generator Frequency	Quantity	Material
	>3KW	2.450±0.01GHz	≥2unit	≥304 stainless steel (upgradeable)

\*Actual parameters are subject to change, please refer to the latest standard.