

Incinerator

Model: YD-500



Product Description

YD series incinerator exert the advantages and discard the disadvantages of the same kind of equipment at domestic and abroad. It is an unique and international advanced incineration equipment. The equipment is small size, high efficiency, reasonable process, leading technologies and a high harmless degree, ideal garbage treatment equipment for farm, hospital, laboratory, hotel, station, etc.

Main Characteristics:

1. Using fever of gasifying unites burning technology. It applied to burn various kinds of waste, such as small animal, excrements , hospital waste, excrements waste, like paper, tree leaves.
2. Closed vacuum-wide operation, prevent secondary pollution.
3. Whole design, easy to transfer to different place.
4. Key part(Burner) original from Italy.

Appendix No.1: Incinerator Process principle

Incinerator Main Parameter

Item \ Model	YD-500
Capacity	400-500Kgs per Hour. 3-6 times per day.
Burner Model	Primary Chamber: BTG-20 (Natural Gas) Secondary Chamber: SPARKGAS-35 (Natural Gas)
Primary Chamber	3.2 x 2.47 x 2.0 Meter
Secondary & Mixed Chamber	3.2 x 1.85 x 1.6 Meter
Gas Decontamination Chamber	Dia.1.3 x Length 1.2 Meter
Chamber Volume	Primary Chamber: 3.26m ³ Secondary Chamber: 1.5m ³
Waste Feed Door	108 × 128 cm
Chimney	Dia.0.4 x Length 10 Meter, 3 section
Blower	1.1kw

Primary Burner	Power: 0.18kw, flow rate: 6.0-20.5M3N/h
Secondary Burner	Power: 0.37kw, flow rate: 9.0-35.8M3N/h
Power	380V(Blower) 220V(Burner)
Weight	About 15000 Kgs
Temperature	800-100 centigrade(Primary Chamber) 1000-1200 centigrade(Secondary Chamber)
smoke remain time	$\geq 2.0S$
Combustion efficiency	$\geq 99\%$
waste calorific capacity consumption	$\geq 95\%$

Smoke Parameter

No.	pollutant	Measurement Unit	GB18484-2001
1	Lingeman's blackness		<1
2	Smoke ash	mg/m ³	100
3	CO	mg/m ³	100
4	SO ₂	mg/m ³	400

5	HF	mg/m ³	9.0
6	HCL	mg/m ³	100
7	NO ₂	mg/m ³	500