

Incinerator

Model: YD-300



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-300
Capacity	300Kgs per Hour.
Primary Chamber	2.6 x 2.2 x 1.6 Meter
Secondary & Mixed Chamber	2.6 x 1.7 x 1.4 Meter
Gas Decontamination Chamber	Dia.1.2 x Length 1.2 Meter
Chamber Volume	Primary Chamber: 2.4m ³ Secondary Chamber: 1.2m ³
Waste Feed Door	700 × 900 cm
Chimney	Dia.0.4 x Length 10 Meter, 3 section
Blower	1.1kw
Primary Burner	Power: 0.22kw, Fuel: 7-14kgs/h
Secondary Burner	Power: 0.37kw, Fuel: 7-20kgs/h
Power	380V(Blower) 220V(Burner)
Weight	About 8300 Kgs

Temperature	800-100 centigrade(Primary Chamber) 1000-1200 centigrade(Secondary Chamber)
smoke remain time	≥2.0S
Combustion efficiency	≥99%
waste calorific capacity consumption	≥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

Appendix No.2: Structural Drawing