

# Incinerator

**Model: YD-30**



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## **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-30
Average Capacity	30Kgs per Hour.
Equipment Size	145 x 90 x 175cm
Chamber Volume	Primary Chamber: 0.3m <sup>3</sup> Secondary Chamber: 0.2m <sup>3</sup>
Waste Feed Door	480 × 600 cm
Chimney	Dia.0.28 x Length 5 Meter
Blower	0.59kw
Power	220V
Weight	About 2300 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 <sup>3</sup>	100
3	CO	mg/m <sup>3</sup>	100
4	SO <sub>2</sub>	mg/m <sup>3</sup>	400
5	HF	mg/m <sup>3</sup>	9.0
6	HCL	mg/m <sup>3</sup>	100
7	NO <sub>2</sub>	mg/m <sup>3</sup>	500

### Appendix No.2: Structural Drawing