

Waste Incinerator

Introduction:

Waste incinerator is an efficient and environmentally friendly waste treatment equipment. Through high temperature combustion and advanced exhaust gas treatment technology, it ensures the safe and harmless treatment of waste.



Features:

- * A double-chamber design with high thermal efficiency and excellent furnace insulation properties.
- * The design integrates the furnace door, utilizing zirconium-containing ceramic fiber cotton, which is non-deformable, lightweight, and offers excellent insulation properties.
- * A standalone design that isolates heat sources, ensuring safety and reliability, with tangential reoxygenation in the secondary combustion chamber to guarantee that flue gas residence time exceeds 2 seconds.

Technical Parameters:

Model		BK-HLPG-300
Quantity of Combustion Chamber		Dual
Refractory Material		Mullite, include 65% aluminium oxide
Refractory Temperature		1350°C
Operational Temperature		550~1350°C
Burner		Three burners (Brand: Riello)
Burn Rate		150~300kg
Fuel Consumption		10~15kg (Diesel)
Flue Gas Retention		More than 2 seconds
Metal Thickness		6mm
Emission Standard		Smokeless and odorless
Primary Combustion Chamber (Main Body)	Capacity	200~300kg/batch
	Material	Inner wall of the furnace: high aluminum refractory brick Vault: mullite castable, which is cast in one time There are observation holes and 2 burners
	Working Temperature	800~1000°C
	Volume	1.75m ³
	Furnace Door	760*960mm
Inside Size (W*D*H)		1850*900*1050mm
Secondary Combustion Chamber	Material	Q235B+refractory material (High temperature resistance up to 1350°C)
	Working Temperature	1050~1200°C
	External Size (W*H)	Φ1000*1260mm
Standard Accessory		Chimney
Optional Accessory		Natural gas burner
Power Supply		AC 220V, 50/60Hz, 110V, 50/60Hz (Optional) With smoke filter equipment: external transformer Monomer: built-in transformer
External Size (W*D*H)		2650*2200*3570mm
Package Volume		20m ³
Net Weight		8000kg
Gross Weight		8500kg