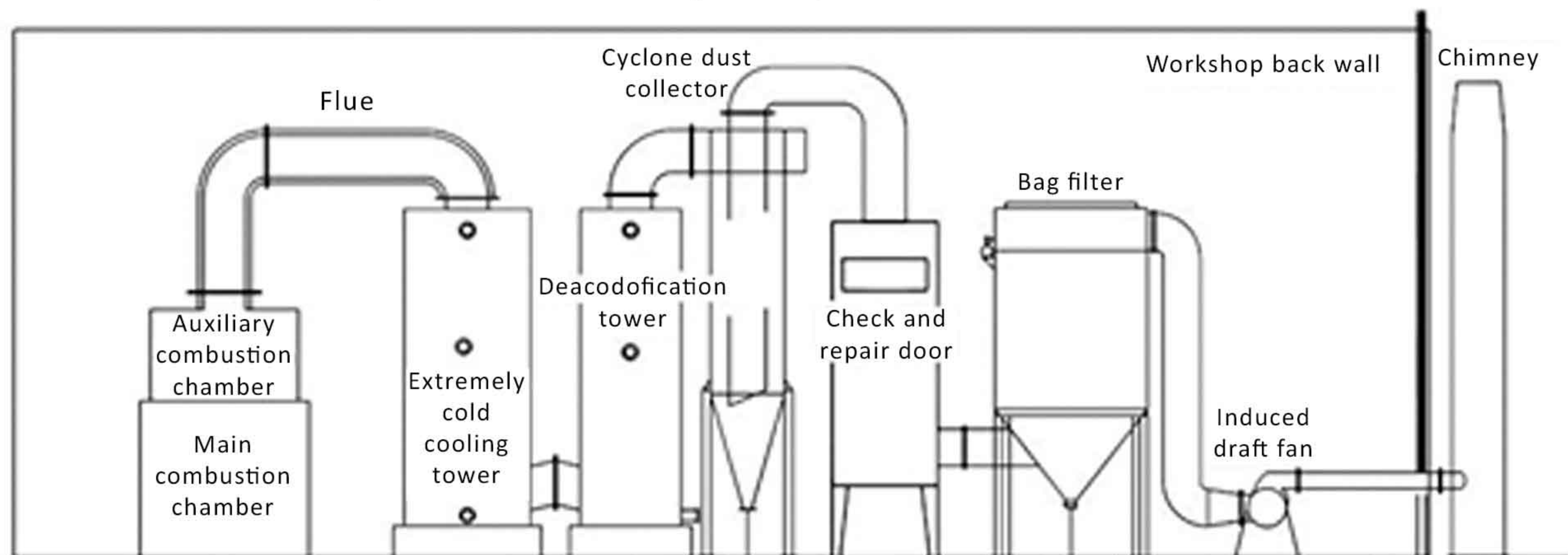




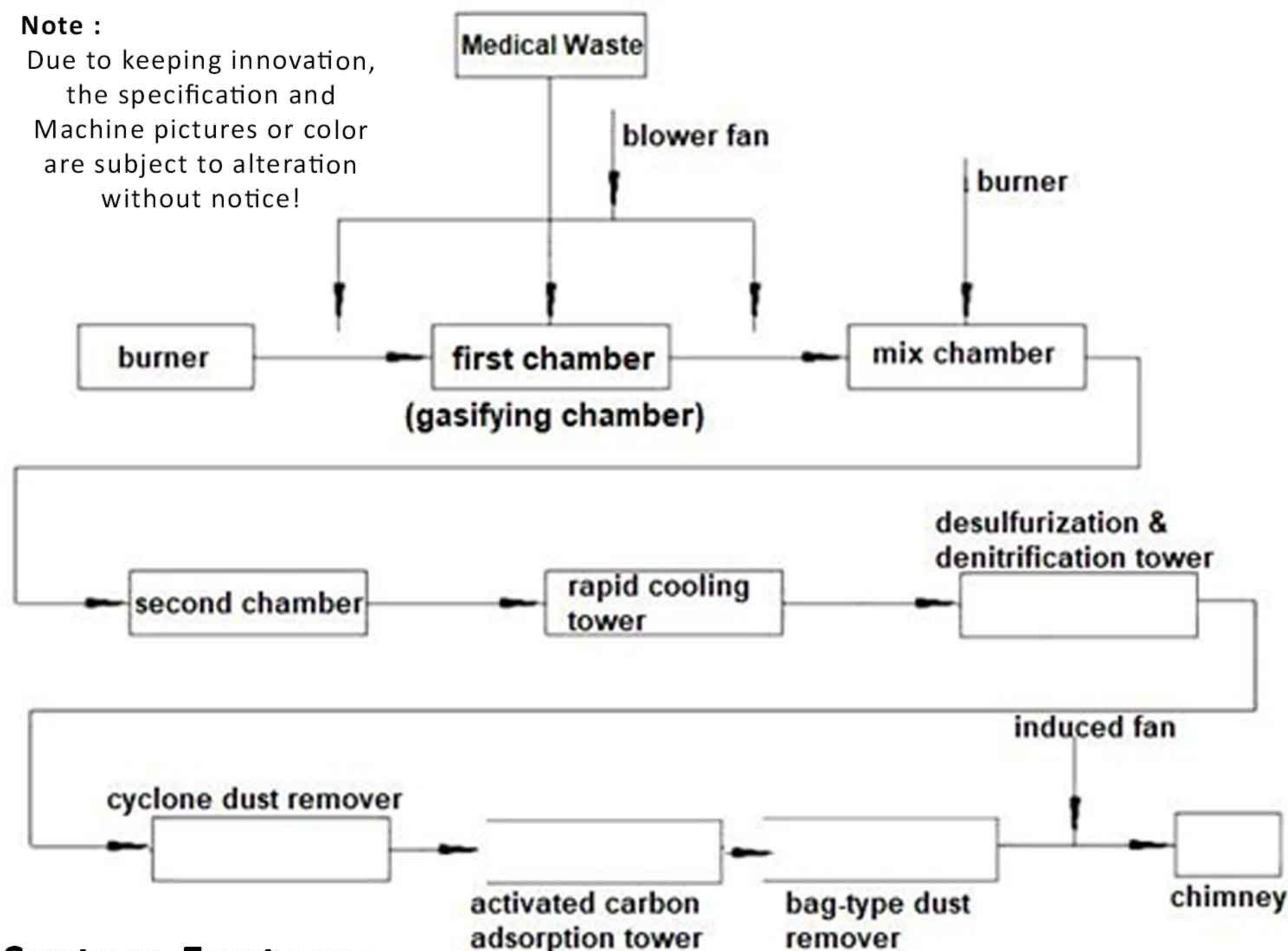
INCINERATOR DAUR ULANG SAMPAH MEDIS

YDF-500 model waste processing incinerators including whole set of exhaust smoke treatment system, to achieve toxic - free and zero pollution waste disposal system.



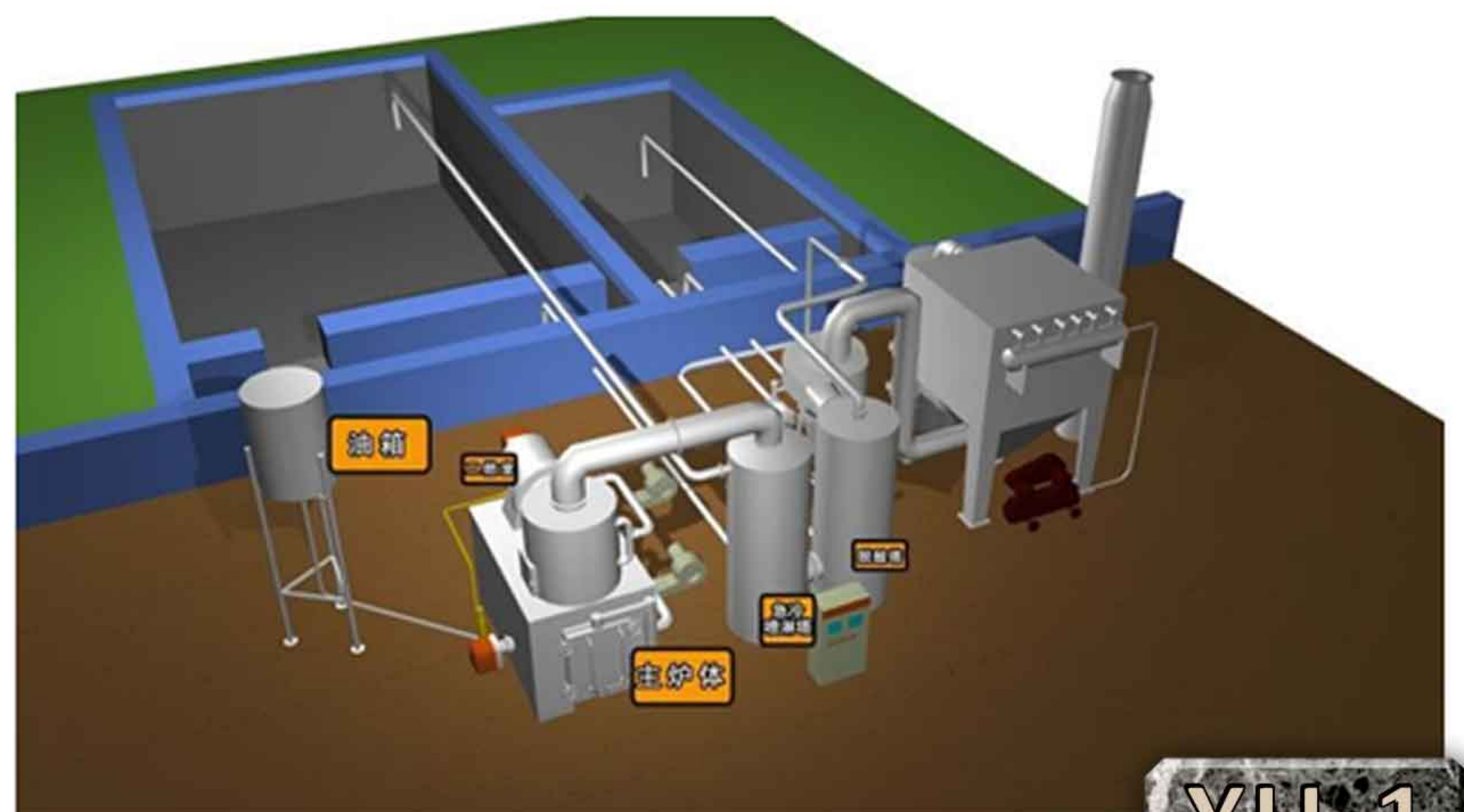
Note :

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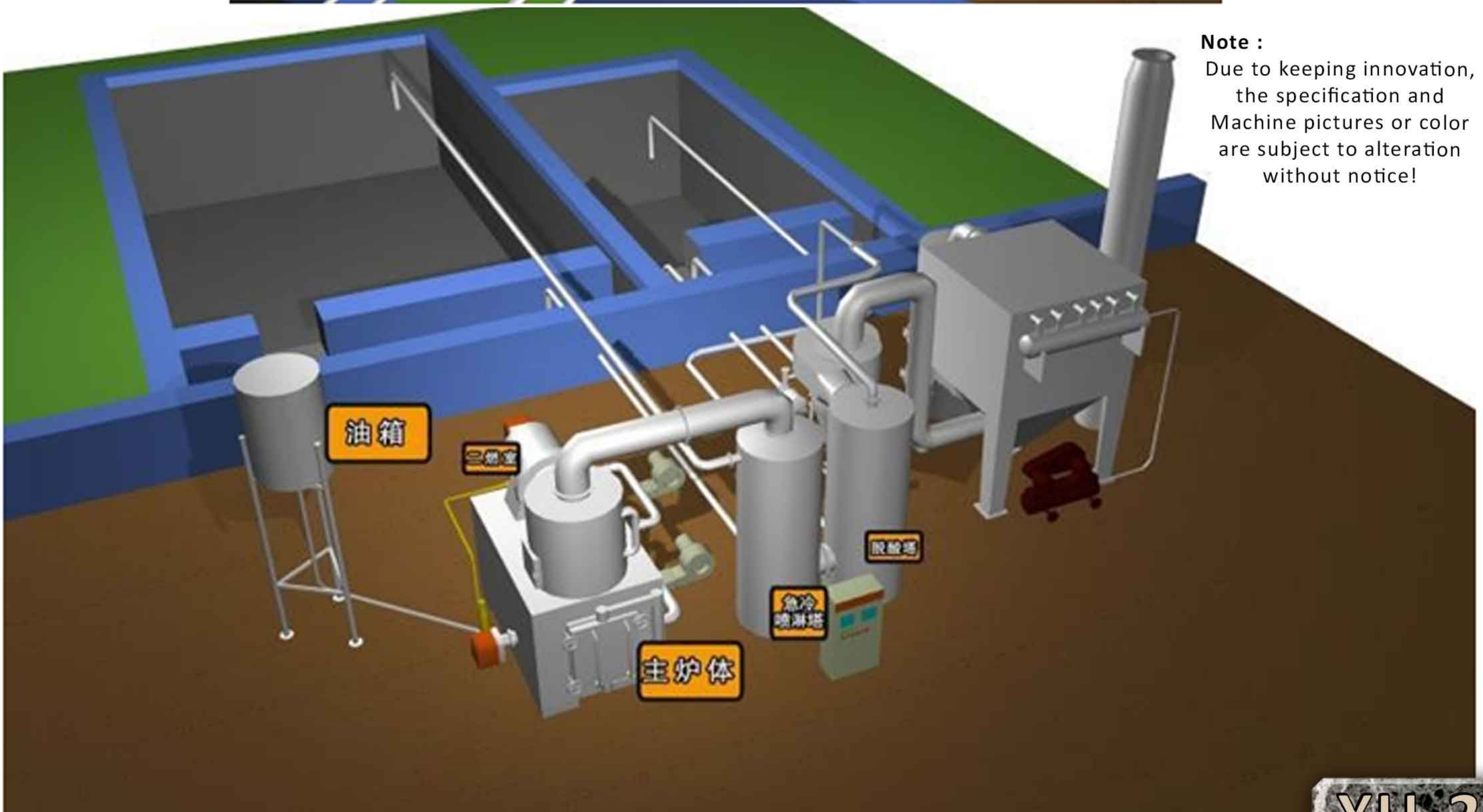
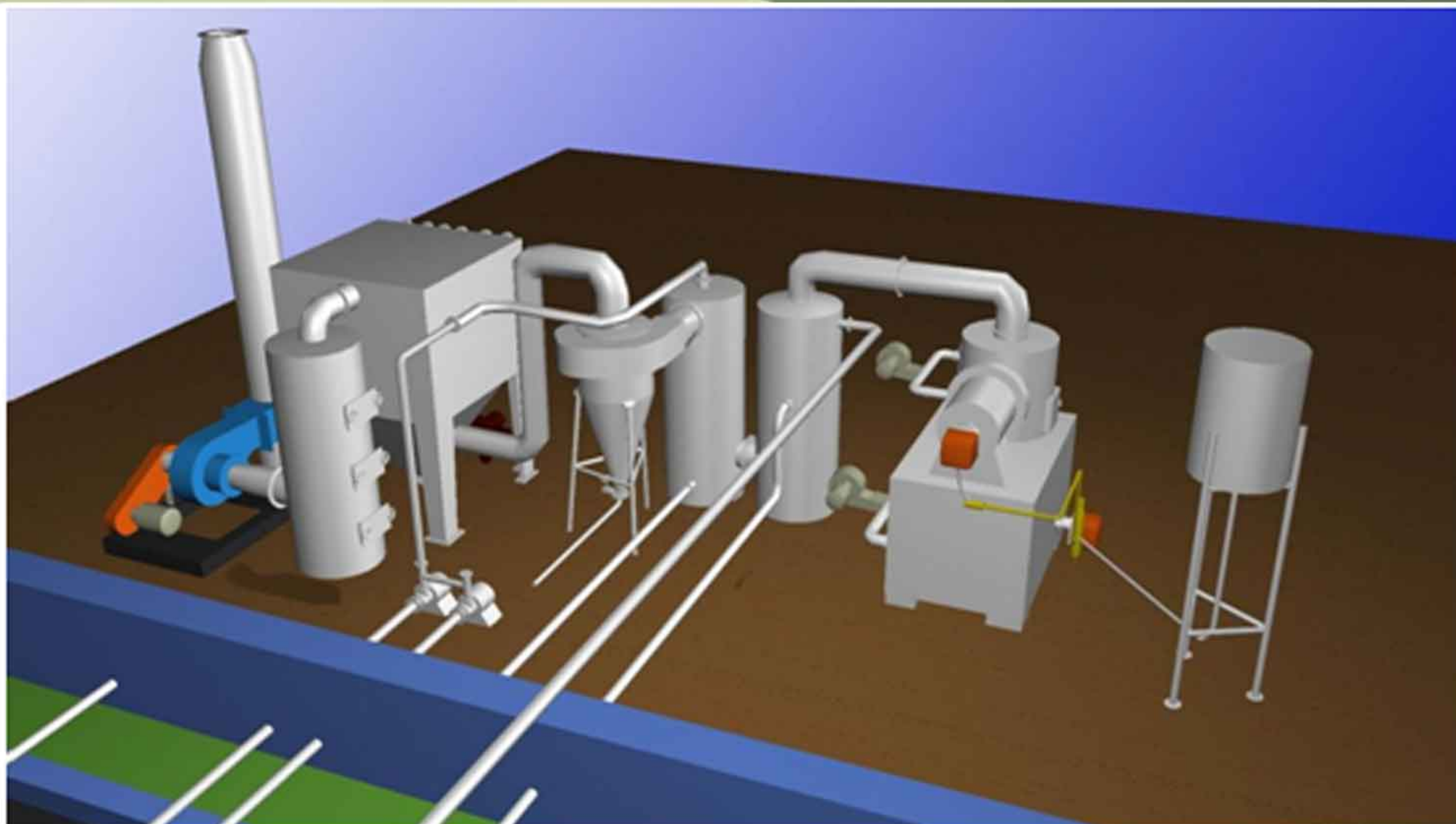
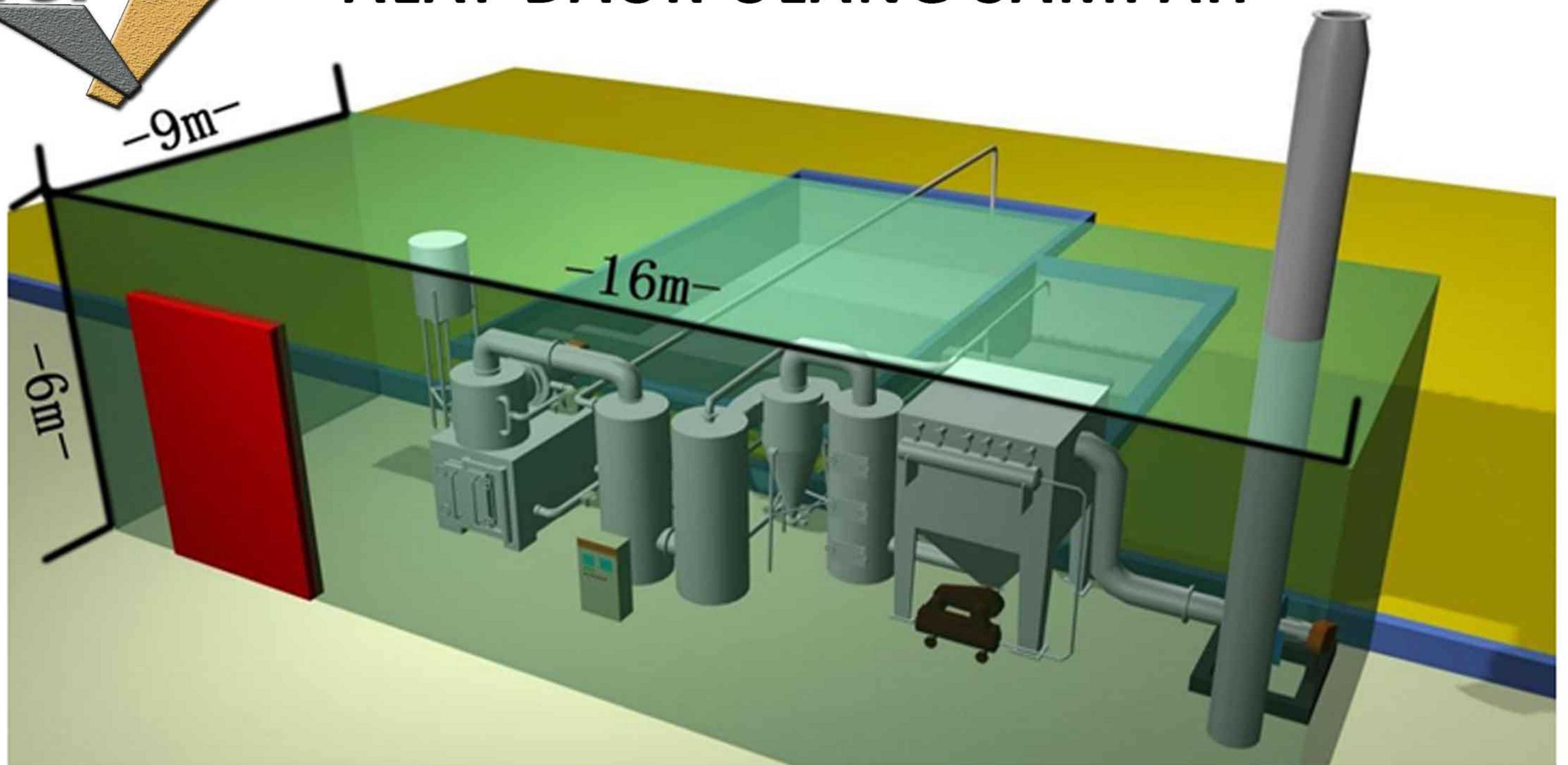
System Features

1. Italy imported Baltur Burners; Diesel fuel.
 2. Smoke Exhaust Flow: First chamber + Second chamber + Rapid cooling tower + Desulfurization / Denitration tower + Cyclone dust remover + Activated carbon adsorption tower + Bag type filter + Induced Fan + Chimney.
- Emission content is fully in compliance with China GB18484-2001 <Hazard Waste Incineration Pollution Emission Control Standard.



VGI

ALAT DAUR ULANG SAMPAH



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INCINERATOR FOR WASTE GARBAGE

No	Name	Model & Spec	Unit	Qty
I	Incineration system			
1	Incinerator body	YDF-500	Set	1
Specification	Capacity : 500kg/batch, up to 12~18 times per day. : 6 ~ 9 TONS / DAY External packing material : Q235 carbon steel plate Material thickness : 8mm Refractory thickness : 300mm High-alumina wear-resistant cast + lightweight heat-resistant cast First chamber furnace volume : 3.5m ³ First chamber temperature : 950°C Loading Gate : 1100mm x 1300mm Efficiency : ≥ 99.9% Noise level : ≤ 85dbA (one meter range)			Note : Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!
2	Secondary combustion chamber		Set	1
Specification	Second chamber volume : 1.8m ³ Second chamber temperature : 1300°C External packing material : Q235 carbon steel plate Wall thickness : 8 mm Thickness of refractory : 300mm High aluminum wear resistant cast + light insulation cast			
3	Burner	Natural Gas fired	PC	2
Specification	Imported Italy Baltur brand			
II	Exhaust gas purification system			
1	Rapid water cooling tower		Set	1
Specification	Dimension : Φ 1.2 x 3.0 m; Material : Stainless Steel 304 Water circulating pump 2 sets : Q=15m ³ /h, H=20m Power : 2.2kW			
2	Acid removal tower		Set	1
Specification	Dimension : Φ 1.2 x 3.0 m; Material : Stainless Steel 304 Alkaline liquor circulating pump 2 sets : Q=15m ³ /h, H=20m Power : 2.2kW			
3	Cyclone dust remover		Set	1
Specification	Dimension : Φ 1.1 x 3.0 m; Material : Stainless Steel 304			
4	Activated carbon adsorption tower		Set	1
Specification	Dimension : 5m ² ; Material : Stainless Steel 304			
5	Bag-type dust collector		Set	1
Specification	Ash cleaning form : low-pressure pulse type Total filtration area : 40m ² Ash discharging method : single-plate heavy hammer ash discharging valve Shell material : q235-b carbon steel plate belt bypass control system, 2 sets of control valves, pulse valve, pulse controller, pressure regulating valve; including 1 set of air compressor.			
6	Heat resistant smoke flue		Set	1
Specification	Material : Q235 steel, High-alumina wear-resistant refractory cast Dimension : Φ 0.5m			



HASIL UJI EMISI INCINERATOR

7	Induced fan		Set	1
Specification	Centrifuge type	: induced fan		
	Material	: Stainless Steel 304, P=4450Pa, Q=2269m ³ /h,		
	Power	: 5kW		
8	Chimney		Meter	12
Specification	Material	: Stainless Steel 201		
	Diameter	: Φ 380		
	including smoke content inspection hole			
III	Instrument automatic control system			
1	Electric control system		Set	1
Specification	Control mode	: temperature control		
	Hand/auto switch, Automatic Feeding, Manual Ash Remover			
	With leakage protection, over - temperature alarm, abnormal operation alarm etc.			
2	Accessories one set			
Remark	Voltage	: 380V;		
	Power consumption	: ≦ 27.1kW		
	Shipping	: 2 Containers		

Emission Result from our Machine

Content	Detection Result (mg/m ³)	GB1848-2001 Standard (mg/m ³)
PM (Particulate Matter)	4.5	80
CO	11	80
SO2	Zero	300
NOx	68	500
Fluoride (HF)	2.01	7.0
Hydrogen Chloride	0.68	7.0
Mercury Compounds (Hg)	Zero	0.1
Plumbum Compounds (Pb)	0.009	1.0
Cadmium Compounds (Cd)	0.0000547	0.1
Arsenic & Nickel Compounds (Cd)	0.0000932	1.0
Smoke Blackness	Ringelmann Emittance 0	Ringelmann Emittance 1

Emission Source : LDF - 500 Incinerator, gas + waste
 Treatment System : Rapid cooling tower, Acid removal tower, Cyclone dust remove, Activated carbon adsorption tower, Bag-type dust collector. Chimney



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