

Small-sized incinerator

# US CHIRIMESER TG-100

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Thomas Technical Research Institute Co., Ltd.

## Ease of use and safety!

# US CHIRIMESER TG-100

## Full automatic operation

After putting in the garbage, the fire will be extinguished automatically.

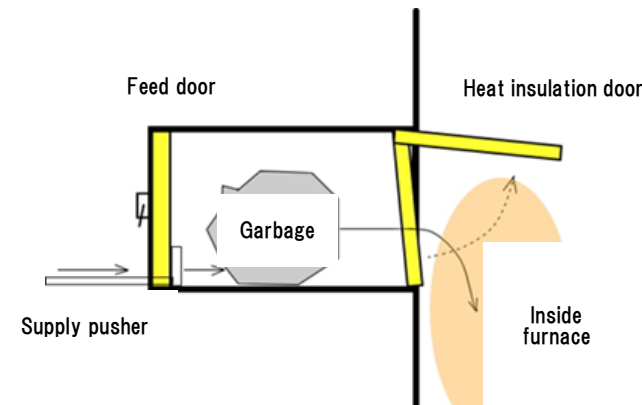
## Major features

### ●The patrol lamp lights up when it is time to put in the garbage

Patrol lamp will reminds you at the right time for threw garbage.

### ●Dual structure feed door for safety

This is designed with safety in mind.



#### How to prepare before the operation

- Open the feed door.
- Throw garbage in the dust hopper. and close the feed door.
- Push a supply pusher to drop the garbage into the furnace.
- Close the heat insulation door.

### ●Just push the button from start to finish



### ●Combustion control by computer

Enter the combustion program according to the customer's request.  
Maximum effect with minimum cost.

### ●Almost no smoke

No smoke is emitted even when the tires are incinerated alone.

### ●Ultra low dioxin

The combustion temperature is automatically controlled, and dioxins are pyrolyzed at high temperatures!

### ●Power supply is three-phase 200V ※2

### ●Use kerosene as fuel

### ●Tap water

It is used for combustion control in the incinerator. ※3

※1 The transition to the end stop operation is normally set in 30 minutes, but it can be changed according to the customer's usage environment.

※2 Requires a separate power supply (breaker)

※3 General tap water pressure is required

Put garbage inside

Push the button  
(ignition)

The light will turn on  
at the right time  
for threw garbage

Automatic stop operation  
will start after 30 minutes  
from lights up. ※ 1

End



# Prohibits! open burning of garbage

Under the "Waste Disposal and Cleaning Law", incineration of garbage is prohibited except for incinerators that comply with the standards.

If you do not comply with the instructions or orders, the law may impose up to five years in prison or a fine of up to 10 million yen, and a fine of up to 300 million yen for corporations.



Open burning



Burning in drums

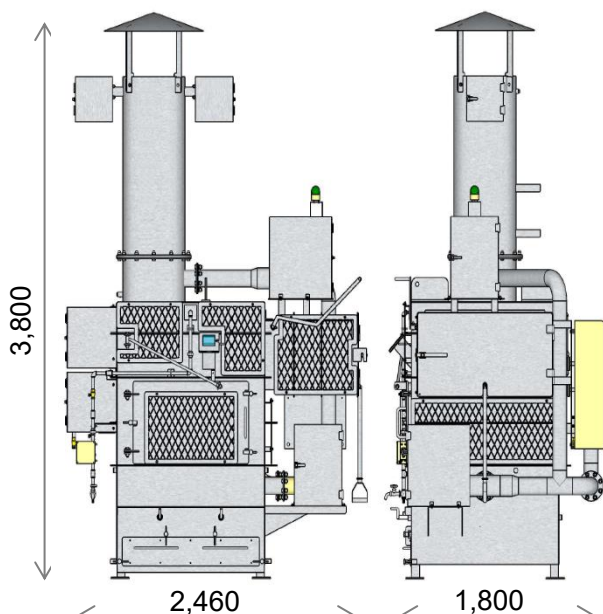


Burning in 18 liter drum

## Structural standards for small incinerators that meet the standards

1. There should be no gap between the inside of the incinerator and the outside air except for the air intake and the tip of the chimney. and the waste gas should be able to be incinerated at a temperature of 800°C or higher.
2. Ventilation is provided for the amount of air required for combustion. (Install a chimney of sufficient height and diameter)
3. Waste must be able to be put into the combustion chamber in a fixed amount in a state of being shielded from the outside air. (Except when it is recognized that the structure is unavoidable, such as gasification and combustion type incineration facilities)
4. A device is provided for measuring the temperature of the combustion gas in the combustion chamber.
5. The auxiliary burner necessary to maintain the temperature of the combustion gas in the combustion chamber shall be provided.

【External view】



【Main types of garbage】



Office trash



Wood



Feed packaging



Agricultural multi vinyl



Abandoned tire



Other waste plastics

【Facility specification】

Type	TG-100
Treatment capacity	Mixed garbage: 200 lb/h or less Waste plastics: 44 lb/h or less
Furnace area	10.8 ft <sup>2</sup> (Grate area: 10.4 ft <sup>2</sup> )
External dimensions	5.9 (width) × 8.1 (depth) × 12.5 (height) ft
Charge chute size	1.5 × 3.3 ft
Power supply	200 Vac
Electric capacity	2.0 kw
Fuel	Kerosene
Fuel consumption	4to20liters/h(depending on the content of refuse and feed amount)
Basic machine weight	7,496 lb
Refuse to be incinerated	General waste, raw garbage, waste tires, waste plastics, wood, etc.

## Contact us

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