

NU - 100

STELLA Incinerator

For On-Site Medical Waste Disposal



STELLA Incinerator is environment-friendly and without comparison in terms of

● **Minimum Dioxin Emission**

This incinerator is designed to control dioxin emission to clear the Japanese Government's standard, one of the most stringent standards in the world (data available).

● **Biomass-Low Running Cost**

Fuels are carbon neutral biomass including firewood, waste lumber, twigs or coconut husks, locally available and relatively inexpensive, which keeps the running cost low.

● **Continuous Burning System**

Due to the negative pressure in the combustion chamber created with the operation of the ejector and the draft fan, the waste vessel can be safely pulled out for the subsequent batch of medical waste without interrupting fuel burning, which enables to dispose of more medical waste than other incinerator of this class.

● **Better Cost-Performance After All**

With these unparalleled special features, the cost-performance in a long run will be better than other incinerator of this class.

Solar Power System

Thanks to the solar power system, this incinerator can be operated even in the isolated area where regular power source such as electricity, oil, or gas is not obtainable.



SOLAR PANEL

Specifications

Main Unit

Burning Capacity	25 kg/day (8 hours) 5-batch operation per day Safety Box : 6pieces of 5liter box per batch
Materials:	Body: Mild Steel Chimney: Stainless Steel Insulation: Ceramic fiber blanket and caster
Dimensions:	Body: 760W x 760D x 4,700H mm (including Chimney) Fire Grate: Approx 470W x 470D mm (opening)
Weight:	Approx. 1,300 kgs (including waste vessel and chimney)

Waste Vessel

Materials:	Stainless Steel
Volume:	100 liters(nominal)

Air Pre-Heater

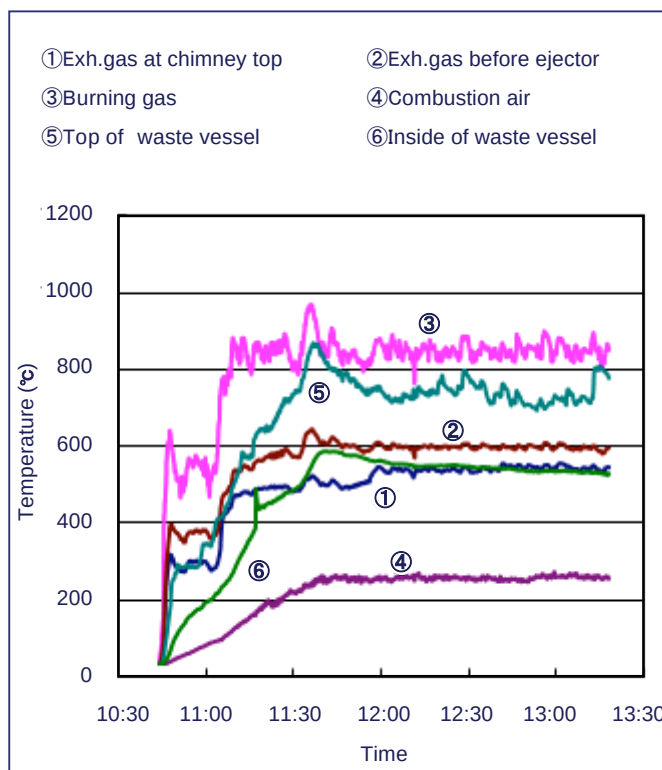
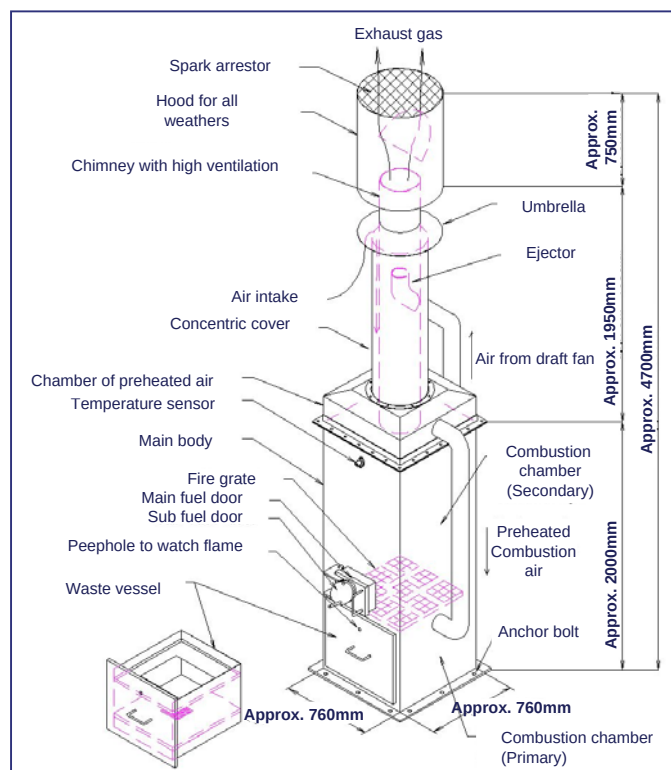
Materials:	Stainless Steel
Heat recovery capacity:	Approx. 200

Draft Fan

Output:	0.1 kW, Air 5 m ³ /min
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Solar Power System

Solar Panel 120W
Charge Controller, DC-AC Inverter, Batteries



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